



## SITE INFORMATION

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### Work Plan

**Elevate Bish Pond Water Transfer Line (12.21.2025)**

**Incident ID: nAPP2535736450**

**Eddy County, New Mexico**

**Unit J Sec 10 T19S R29E**

**32.674128°, -104.060132°**

### Produced Water Release

**Point of Release: Equipment Failure; Lay Flat Line**

**Date of Release: 12/21/2025**

**Volume Released: 109 barrels of Produced Water**

**Volume Recovered: 80 barrels of Produced Water**

CARMONA RESOURCES



### Prepared for:

**Mewbourne Oil Company**

**4801 Business Park Blvd**

**Hobbs, New Mexico 88240**

### Prepared by:

**Carmona Resources, LLC**

**310 West Wall Street**

**Suite 500**

**Midland, Texas 79701**



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March 20, 2026

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

**Re: Work Plan**  
**Elevate Bish Pond Water Transfer Line (12.21.2025)**  
**Incident ID: nAPP2535736450**  
**Mewbourne Oil Company**  
**Site Location: Unit J, S10, T19S, R29E**  
**(Lat 32.674128°, Long -104.060132°)**  
**Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Mewbourne Oil Company (Mewbourne), Carmona Resources, LLC has prepared this letter to propose site activities for the Elevate Bish Pond Water Transfer Line. The site is located at 32.674128°, -104.060132° within Unit J, S10, T19S, R29E, in Eddy County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 21, 2025, due to equipment failure of a layflat line. It resulted in the release of one hundred nine (109) barrels of produced water, and eighty (80) barrels of produced water were recovered. The release occurred along the road shoulder, across the lease road, and in the pasture. Refer to Figure 3 for the area of concern. The Notification of Release form is attached in Appendix C.

#### **Cultural and Biological Compliance:**

Remediation and reclamation activities are expected to occur beyond previously disturbed areas designated for oil field activities. In adherence to the CPP rule, an ARMS survey was conducted on February 7, 2026. Even though the findings were negative, compliance with the CPP Rule will be maintained throughout remediation and reclamation activities. See Appendix F for the arch survey cover sheet. After further review, the site is rated as a CHAT Level-4 area and does not lie within a biologically sensitive area. As a result, no SSPS surveys will be completed unless remediation and reclamation activities are required to extend beyond proposed work boundaries. If site activities need to move past these disturbed areas, the NMSLO will be notified promptly and an SSPS survey will be completed before any further work is conducted. See Appendix F for further details explained in the biological desktop review.

### **2.0 Site Characterization and Groundwater**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one (1) known water source within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.16 miles Southeast of the site in S10, T19S, R29E and was drilled in 1971. The well has a reported depth to groundwater of 145.84' below ground surface (ft bgs). See Appendix D for Site characterization, and Groundwater information.

The site location is more than 1,000 feet away from the nearest freshwater well or spring and does not lie within a 100-year floodplain. There are no continuously flowing watercourses that run in close proximity to the site location. No lakebeds, sinkholes, or playa lakes are within 200 feet of the site either. The nearest

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seasonal water path is an intermittent riverine system that is approximately 1.45 miles Southwest of the site. Refer to Appendix D for the highlighted OSE blue lines that are approximately 1 to 5 miles away from the site. The site is not located within 300 feet of an occupied permanent residence, school, hospital, institution, or church. All domestic residential areas are greater than 5 miles away. There are also no springs, private or domestic, that are within 500 feet of the site location. A copy of the associated Summary report is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria was utilized in assessing the site. The standards below are also established since the incident occurred on State Trust Land:

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

### **4.0 Site Assessment Activities**

#### **Soil Assessment**

On January 13, 2026, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Five (5) test trenches (T-1 through T-5). On December 24, 2025, seven (7) horizontal samples (H-1 through H-7) were advanced to depths ranging from the surface to 12' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. 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 T-1 through T-5. Refer to Table 1.

#### **Horizontal Delineation**

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

### **5.0 Proposed Remediation Plan**

Based on the analytical data of the detected chloride concentrations, Mewbourne proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of T-1 and T-5 will be excavated to a depth of 3' below the surface. This area will be held to the most stringent closure criteria per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.
- The areas of T-2 and T-3 will be excavated to a depth of 12' below the surface. This area will be held to the most stringent closure criteria per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.



- The area of T-4 will be excavated to a depth of 1.5' below the surface. This area will be held to the most stringent closure criteria per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.
- A two (2) day work start notification and a two (2) day confirmation sampling notification will be submitted to the NMSLO and NMOCD prior to excavation and final sampling activities.
- Confirmation floor and sidewall composite samples will be collected every 200 square feet per NMAC 19.15.29.12 to represent the release area.
- Prior to submitting the confirmation samples for laboratory analysis, the samples will be field screened for TPH and chloride using a PID meter, an Exstik II EC400 meter, and a LaMotte Chloride kit. The samples will then be analyzed for benzene, total BTEX, TPH, and chloride concentrations.
- The material utilized for backfill will match natural soil horizons. A composite sample of the imported material will be analyzed for BTEX, TPH, and chloride to prove it is non-waste containing, per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.
- An estimated 5,725 cubic yards will be removed and hauled to the nearest disposal based on maximum depth. Once the site activities are complete, the areas will be backfilled with clean material to surface grade.
- The remediation will be implemented 30 days after the work plan is approved by the NMSLO and the NMOCD.
- Documentation of remediation activities, along with lab analysis results, will be provided in the closure report.

## **6.0 Proposed Reclamation Plan**

Based on the site assessment, Mewbourne proposes to reclaim and reseed the areas shown in Figure 5.

- Once remediation activities are complete, any surface debris and trash will be removed and properly hauled off to a nearby disposal.
- The backfilled excavation areas will be recontoured for initial seedbed preparation. Native material will be locally sourced and hauled to the site to be utilized for leveling out the proposed reclamation area to surface grade and match natural soil horizons
- The entrance of the lease road will be backfilled with non-waste containing caliche and restored back to ASTM standards.
- Even though the overall work area is level, the natural flow direction of water would travel NE to SW across the proposed reclamation area. Erosion control measures will include revegetation with contouring the surface to limit opportunities for concentrated surface water flow. See Figure 6 for the proposed furrow pattern.



- The proposed area will be reseeded with SLO Sandy (S) seed mix, per NMSLO criteria. The SLO seed mixture type, soil survey details and corresponding pounds of pure live seed per acre are included in Appendix F.
- The seed mixture will be distributed via hand broadcast. The surrounding topsoil will be raked onto the seed to aid the vegetation process. After seeding, the area will be watered appropriately.
- Semi-annual inspections (at a minimum) will take place at the location until the native vegetation has been properly established. The site conditions must reflect that the total percentage of plant cover is greater than 70 percent of pre-disturbance levels excluding invasive or noxious weeds.
- If noxious weeds are identified, the NMSLO and NMOCD will be contacted promptly to determine an effective eradication method.
- If the site does not display signs of revegetation after one growing season, the area will be reseeded as deemed appropriate by the both state agencies.
- Reclamation dirtwork will be implemented within 30 days after the reclamation plan is approved by the NMSLO and NMOCD.
- Reseeding activities will be implemented within 30 days after the seedbed has been prepared according to NMSLO requirements.
- Documentation of reclamation activities will be compiled into the closure report that will be submitted to the NMSLO and NMOCD no later than June 1, 2026.

### **8.0 Conclusions**

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

Sincerely,  
**Carmona Resources, LLC**

Conner Moehring  
Environmental Manager

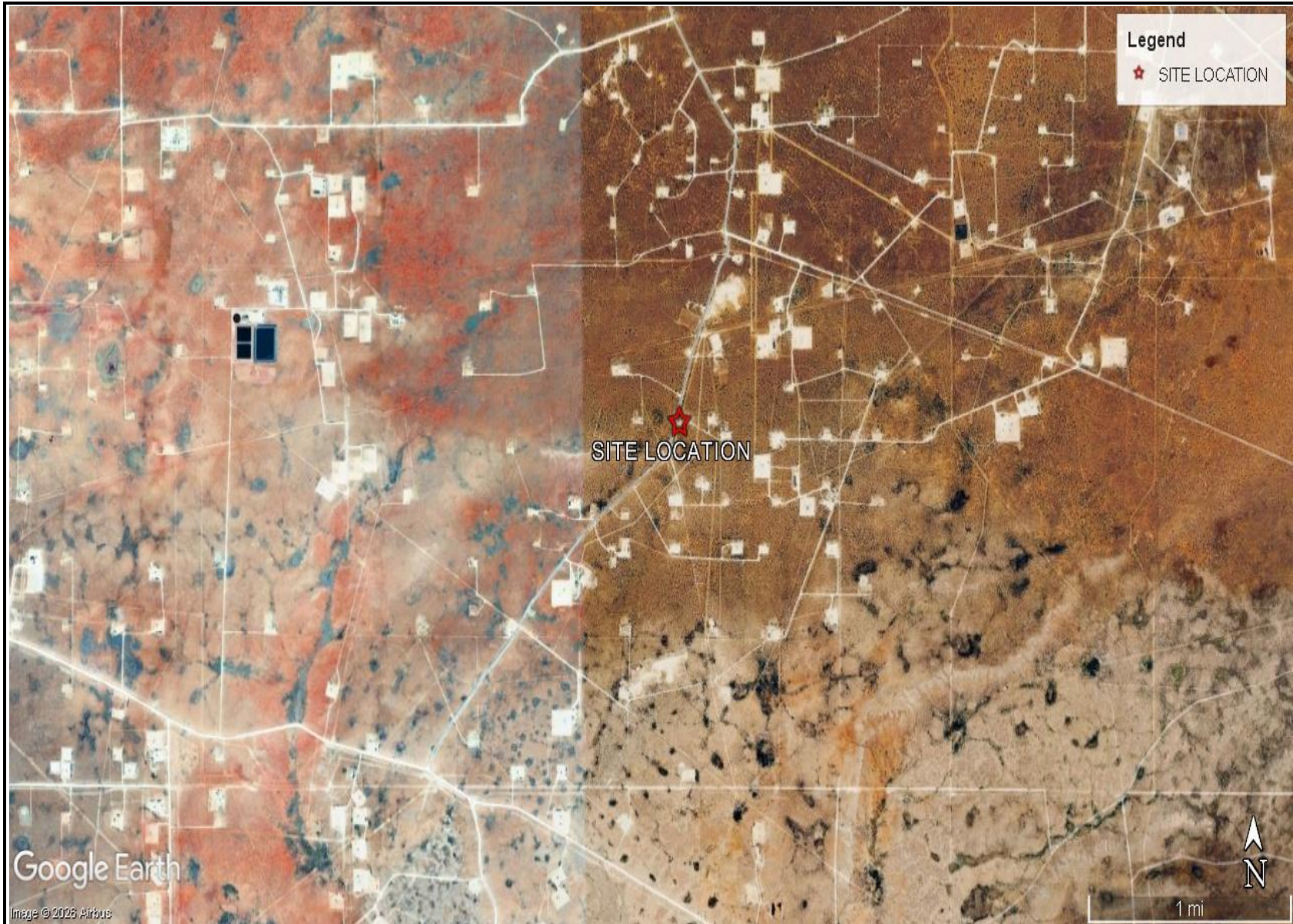
Ivan Ramos  
Project Manager


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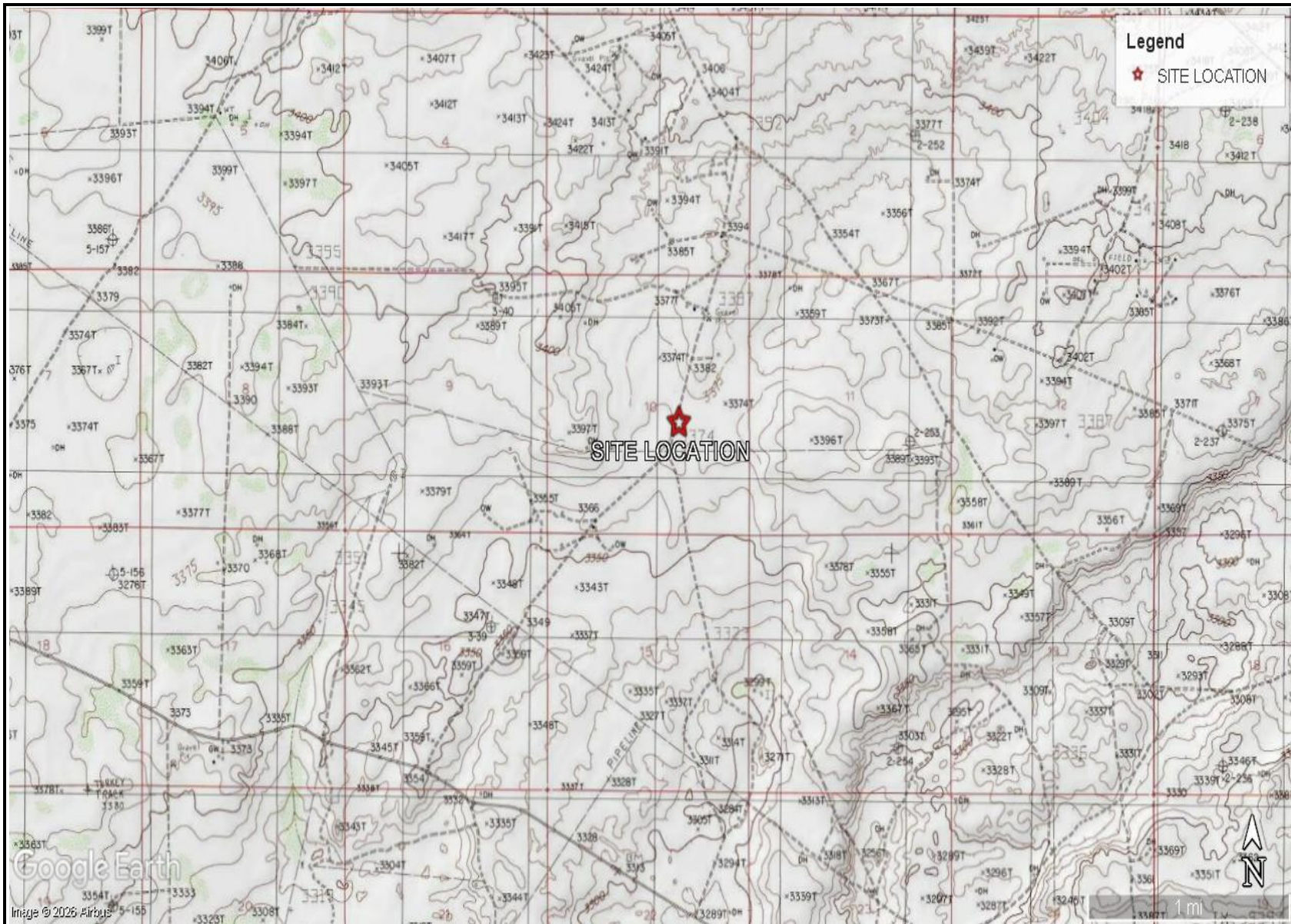
# FIGURES

CARMONA RESOURCES





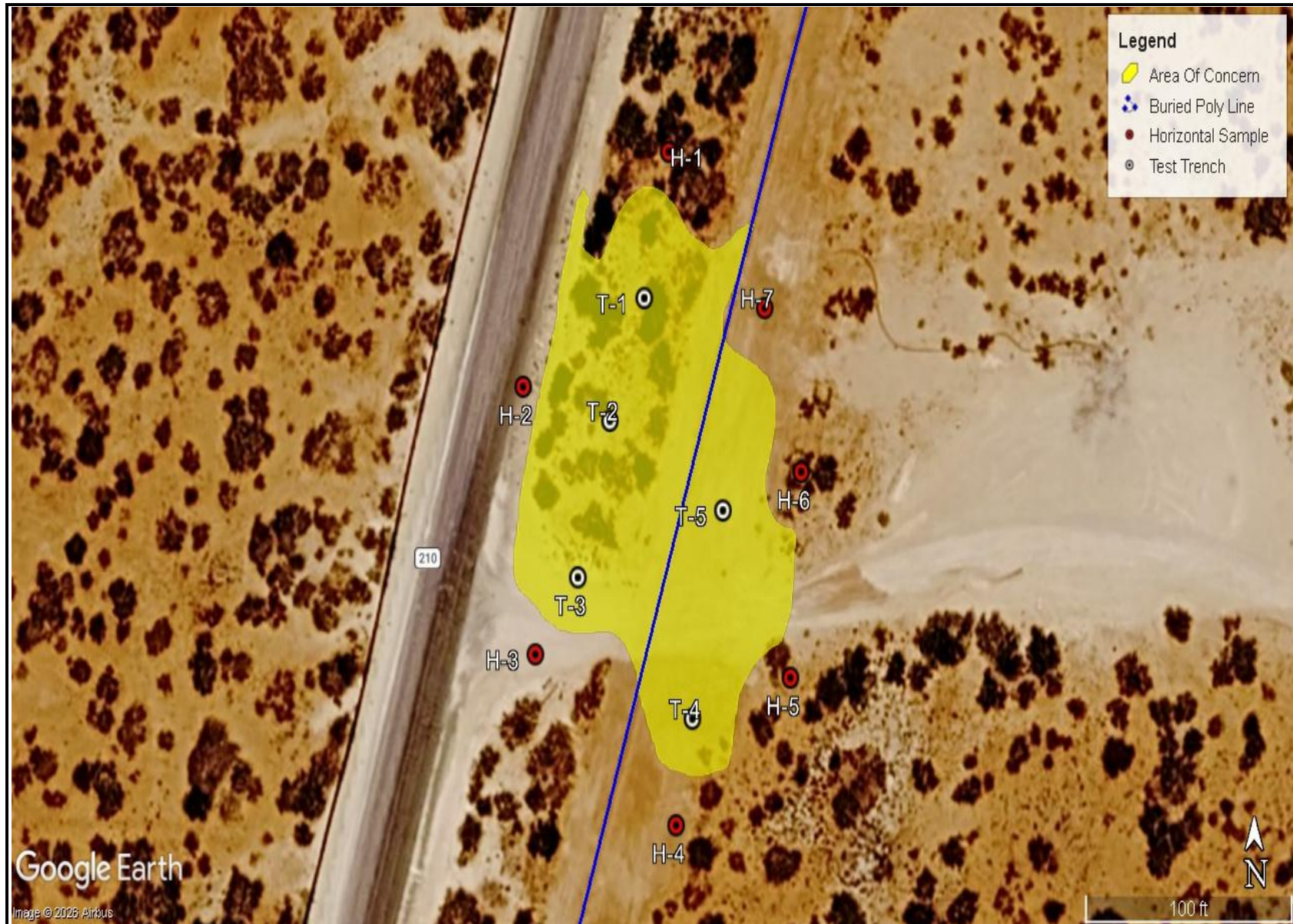
<p>OVERVIEW MAP MEWBOURNE OIL COMPANY ELEVATE BISH POND WATER TRANSFER LINE (12.21.25) EDDY COUNTY, NEW MEXICO 32.674128°, -104.060132°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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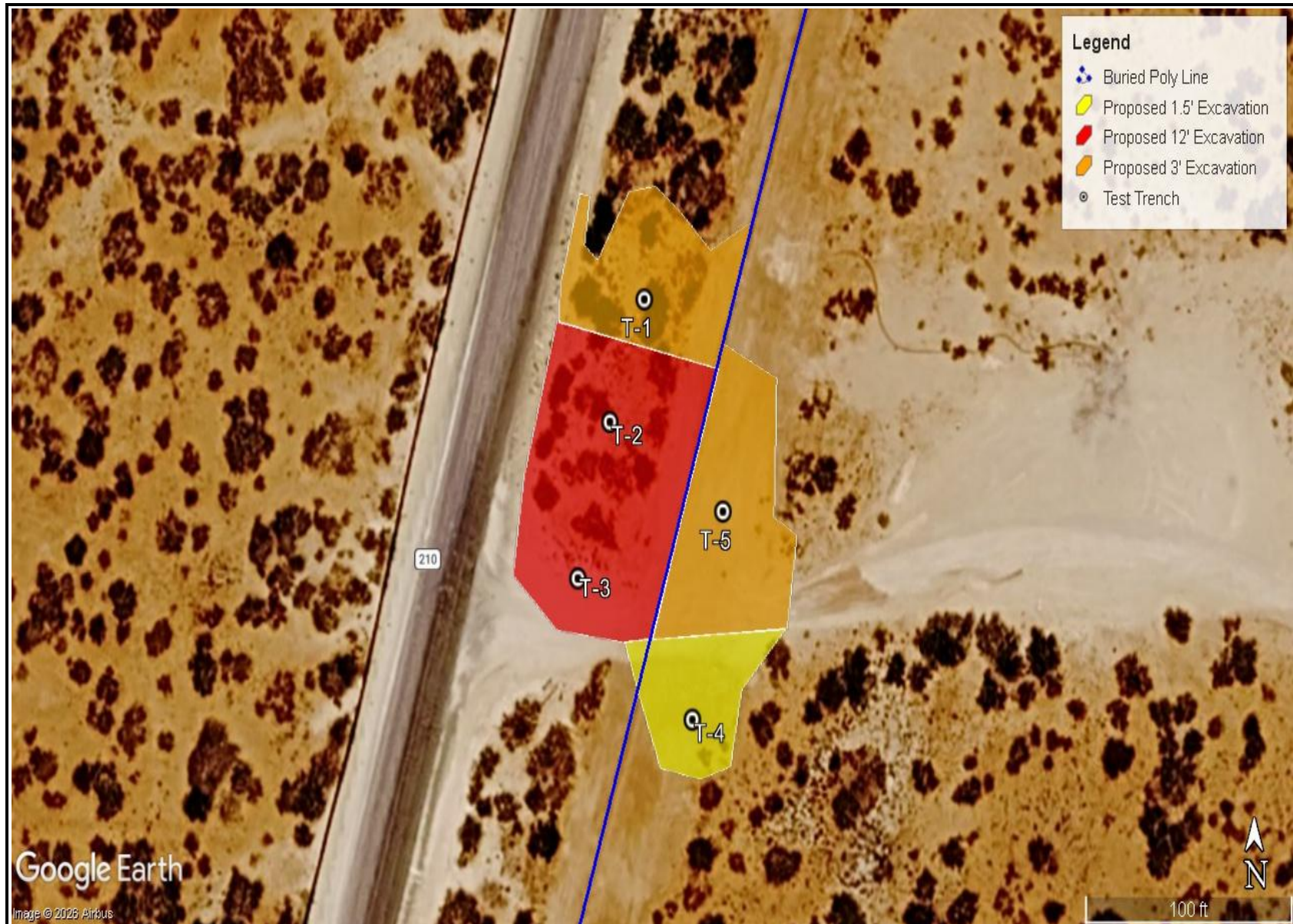
TOPOGRAPHIC MAP  
MEWBOURNE OIL COMPANY  
ELEVATE BISH POND WATER TRANSFER LINE (12.21.25)  
EDDY COUNTY, NEW MEXICO  
32.674128°, -104.060132°




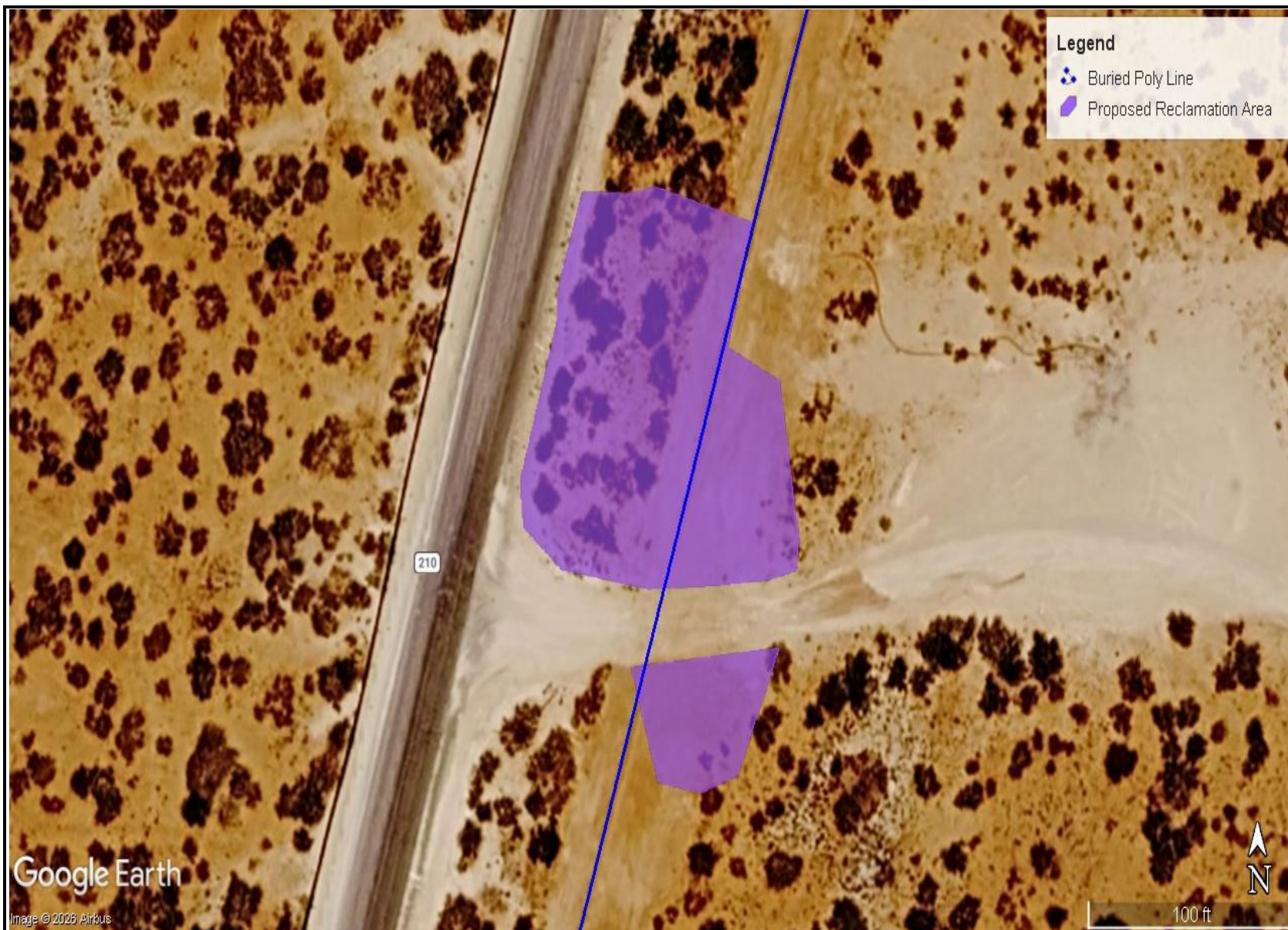
FIGURE 2




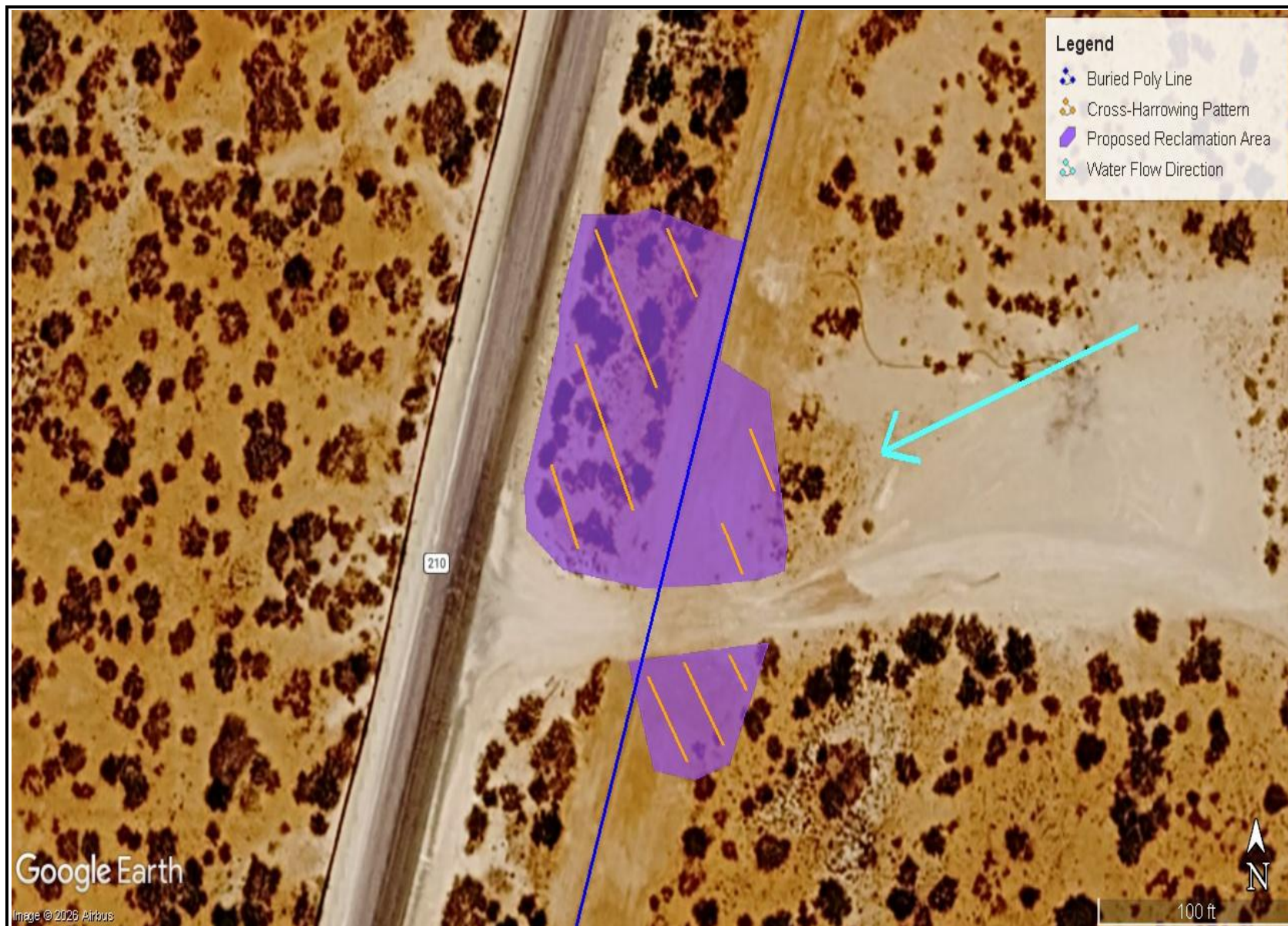
<p>SAMPLE LOCATION MAP MEWBOURNE OIL COMPANY ELEVATE BISH POND WATER TRANSFER LINE (12.21.25) EDDY COUNTY, NEW MEXICO 32.674128°, -104.060132°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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<p>EXCAVATION DEPTH MAP MEWBOURNE OIL COMPANY ELEVATE BISH POND WATER TRANSFER LINE (12.21.25) EDDY COUNTY, NEW MEXICO 32.674128°, -104.060132°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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<p>PROPOSED RECLAMATION MAP MEWBOURNE OIL COMPANY ELEVATE BISH POND WATER TRANSFER LINE (12.21.25) EDDY COUNTY, NEW MEXICO 32.674128°, -104.060132°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
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EROSION CONTROL MAP  
MEWBOURNE OIL COMPANY  
ELEVATE BISH POND WATER TRANSFER LINE (12.21.25)  
EDDY COUNTY, NEW MEXICO  
32.674128°, -104.060132°



FIGURE 6

# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**Mewbourne Oil Company**  
**Elevate Bish Pond Water Transfer Line (12.21.25)**  
**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						
<b>T-1</b>	1/13/2026	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>8,060</b>
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>8,700</b>
	"	2	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>1,300</b>
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	269
	"	4	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	458
<b>T-2</b>	1/13/2026	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<b>4,600</b>
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>4,390</b>
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>5,340</b>
	"	3	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>3,180</b>
	"	4	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<b>7,740</b>
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>2,780</b>
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>8,410</b>
	"	7	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<b>1,360</b>
	"	8	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>3,000</b>
	"	10	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<b>1,590</b>
"	12	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.2	
<b>T-3</b>	1/13/2026	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<b>6,960</b>
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<b>3,890</b>
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>4,010</b>
	"	3	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>4,880</b>
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>4,940</b>
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>4,330</b>
	"	6	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>4,650</b>
	"	7	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<b>776</b>
	"	8	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<b>9,840</b>
	"	10	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	0.00406	<0.00398	0.00406	<b>1,410</b>
"	12	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	434	
<b>T-4</b>	1/13/2026	0-1	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>1,410</b>
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	229
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	98.8
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	130

**Table 1**  
**Mewbourne Oil Company**  
**Elevate Bish Pond Water Transfer Line (12.21.25)**  
**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						
<b>T-5</b>	1/13/2026	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>6,200</b>
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>1,040</b>
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<b>2,320</b>
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	313
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	274
<b>H-1</b>	12/24/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.1
<b>H-2</b>	12/24/2025	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
<b>H-3</b>	12/24/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
<b>H-4</b>	12/24/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<9.96
<b>H-5</b>	12/24/2025	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
<b>H-6</b>	12/24/2025	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.0
<b>H-7</b>	12/24/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20.4
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 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 Location

(H) Horizontal Sample

 Proposed Excavation

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

## Mewbourne Oil Company

### Photograph No. 1

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**  
View North, area of T-1.

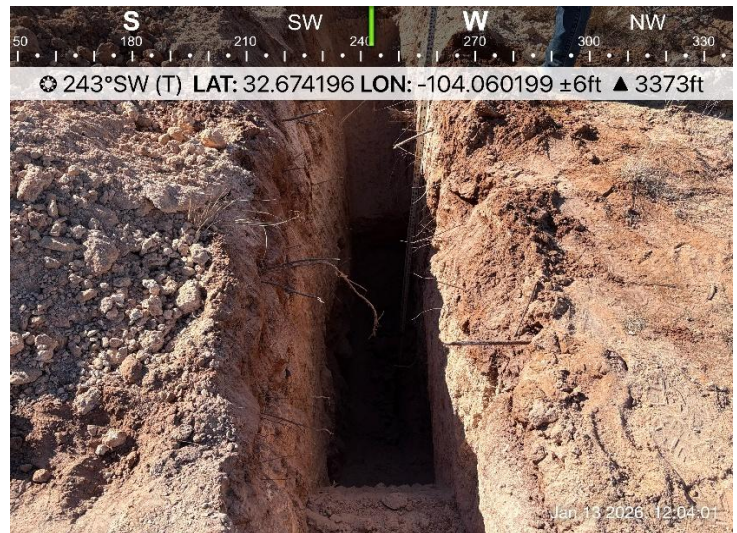


### Photograph No. 2

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**  
View Southwest, area of T-2.

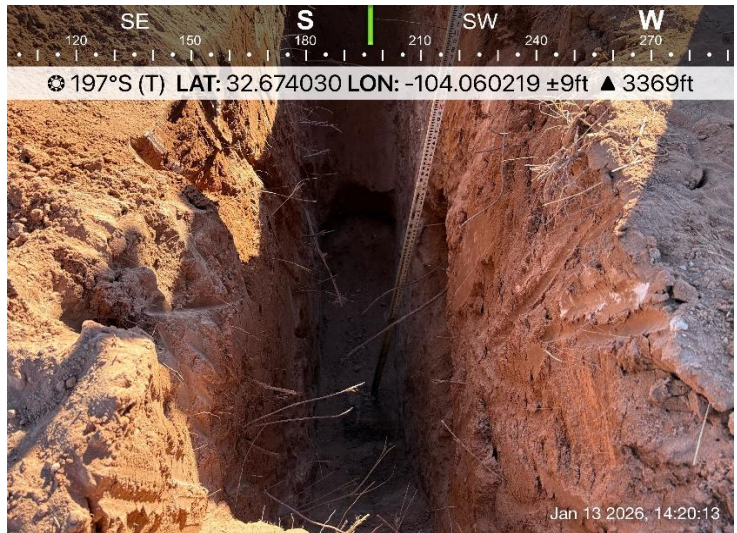


### Photograph No. 3

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**  
View South, area of T-3.



# PHOTOGRAPHIC LOG

## Mewbourne Oil Company

### Photograph No. 4

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**  
View West, area of T-4.

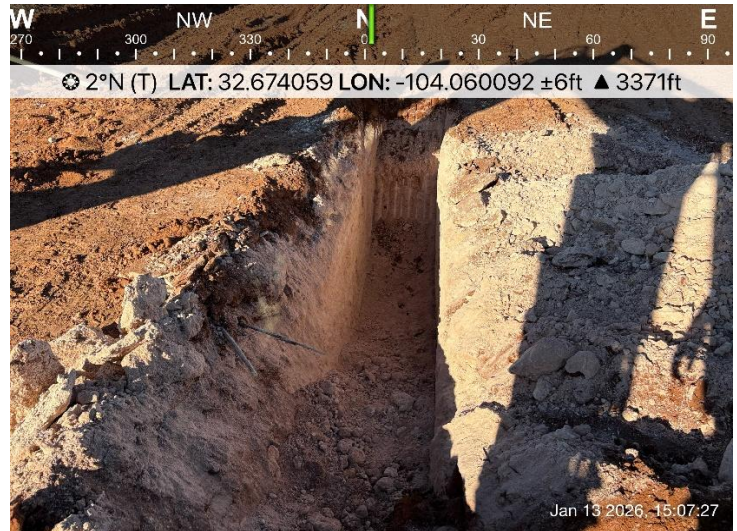


### Photograph No. 5

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**  
View North, area of T-5.



### Photograph No. 6

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**  
View Southeast of proposed reclamation area.



# PHOTOGRAPHIC LOG

## Mewbourne Oil Company

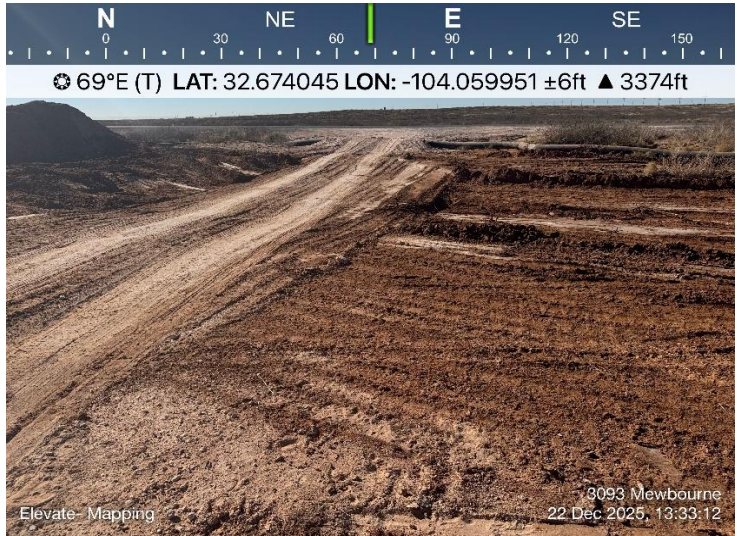
### Photograph No. 7

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**

View East of proposed reclamation area.



### Photograph No. 8

**Facility:** Elevate Bish Pond Water Transfer Line (12.21.25)

**County:** Eddy County, New Mexico

**Description:**

View North of proposed reclamation area.



# APPENDIX C

CARMONA RESOURCES



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 537174

**QUESTIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537174
	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	Elevate Bish Pond Water Transfer Line
Date Release Discovered	12/21/2025
Surface Owner	State

<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   Other (Specify)   Produced Water   Released: 109 BBL   Recovered: 80 BBL   Lost: 29 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)	n/a

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

QUESTIONS, Page 2

Action 537174

**QUESTIONS (continued)**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537174
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

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

*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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General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 537174

**ACKNOWLEDGMENTS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537174
	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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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 537174

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537174
	Action Type: [NOTIFY] Notification Of Release (NOR)

**CONDITIONS**

Created By	Condition	Condition Date
jbroom	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/23/2025

## APPENDIX D

CARMONA RESOURCES



### Nearest Water Well

Mewbourne Oil Co.

**Legend**

- 0.16 Miles
- 0.50 Mile Radius
- 1.81 Miles
- 1.83 Miles
- 1.95 Miles
- Elevate Bish Pond Water Transfer Line (12.21.2025)
- USGS Water Well

194.58' - Drilled 1976

173.40' - Drilled 1983

Elevate Bish Pond Water Transfer Line (12.21.2025)

145.84' - Drilled 1971

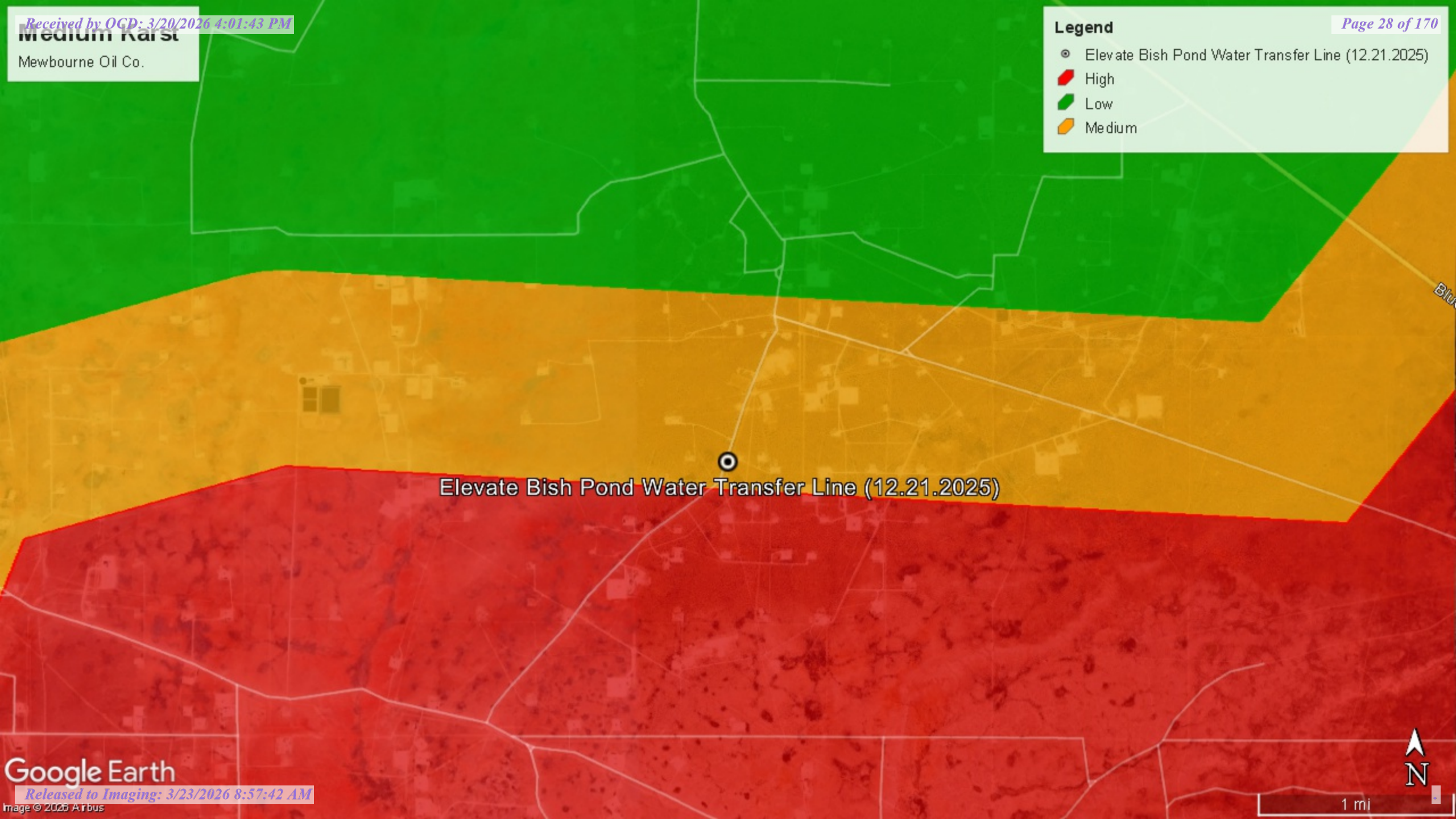


Medium Karst

Mewbourne Oil Co.

**Legend**

- Elevate Bish Pond Water Transfer Line (12.21.2025)
- High
- Low
- Medium



Elevate Bish Pond Water Transfer Line (12.21.2025)





# 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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">CP 00626 POD1</a>		CP	ED	NE	SW	NW	03	19S	29E	587360.0	3617575.0	●	2170	286	247	39
<a href="#">CP 00626 POD2</a>		CP	ED	SW	NE	NW	03	19S	29E	587660.0	3617880.0	●	2384	240	195	45
<a href="#">CP 01976 POD1</a>		CP	ED	NW	NE	SW	12	19S	29E	590811.1	3615608.1	●	2703	55		
<a href="#">CP 00820 POD1</a>		CP	LE		NE	SE	13	19S	29E	591713.0	3613870.0*	●	3971	120		

Average Depth to Water: **221 feet**

Minimum Depth: **195 feet**

Maximum Depth: **247 feet**

**Record Count: 4**

**UTM Filters (in meters):**

**Easting:** 588109.00

**Northing:** 3615538.00

**Radius:** 4000

\* UTM location was derived from PLSS - see Help

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



USGS Home  
Contact USGS  
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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

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- Explore the NEW USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the modernized pages in WDFN that suit you best. Learn more about our modernization plans and timeline and new pages.

Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 324019104033201

Minimum number of levels = 1  
Save file of selected sites to local disk for future upload

USGS 324019104033201 19S.29E.10.43211

Eddy County, New Mexico  
Latitude 32°40'19", Longitude 104°03'32" NAD27  
Land-surface elevation 3,371 feet above NAVD88  
The depth of the well is 153 feet below land surface.  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data  
Tab-separated data  
Graph of data  
Reselect period

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1965-12-09			D	62610	3221.90	NGVD29	1	Z			A
1965-12-09			D	62611	3223.41	NAVD88	1	Z			A
1965-12-09			D	72019	147.59		1	Z			A
1968-04-03			D	62610	3223.50	NGVD29	1	Z			A
1968-04-03			D	62611	3225.01	NAVD88	1	Z			A
1968-04-03			D	72019	145.99		1	Z			A
1971-02-01			D	62610	3223.65	NGVD29	1	Z			A
1971-02-01			D	62611	3225.16	NAVD88	1	Z			A
1971-02-01			D	72019	145.84		1	Z			A

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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**Title: Groundwater for New Mexico: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2025-12-23 18:18:32 EST

0.37 0.31 nadww01



Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
------	------	-------------------------------------	---------------------	--------------------------------------	---	---------------------------	-------------	----------------------------	-----------------------	----------------------------	----------------------------------

Groundwater | New Mexico | GO

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the [modernized pages in WDFN](#) that suit you best. Learn more about our [modernization plans and timeline](#) and [new pages](#).

**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list =  
 • 324139104034901

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 324139104034901 19S.29E.03.12344**

Eddy County, New Mexico  
 Latitude 32°41'38.8", Longitude 104°03'52.2" NAD83  
 Land-surface elevation 3,421 feet above NAVD88  
 The depth of the well is 240 feet below land surface.  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Rustler Formation (312RSLR) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1984-07-20			D	62610	3227.22	NGVD29	1	Z			A
1984-07-20			D	62611	3228.74	NAVD88	1	Z			A
1984-07-20			D	72019	192.26		1	Z			A
1994-03-11			D	62610	3229.52	NGVD29	1	S			A
1994-03-11			D	62611	3231.04	NAVD88	1	S			A
1994-03-11			D	72019	189.96		1	S			A
1999-01-15			D	62610	3230.62	NGVD29	1	S	USGS	S	A
1999-01-15			D	62611	3232.14	NAVD88	1	S	USGS	S	A
1999-01-15			D	72019	188.86		1	S	USGS	S	A
2015-12-16	18:20 UTC		m	62610	3214.06	NGVD29	P	S	USGS	S	A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
2015-12-16	18:20 UTC	m	62611		3215.58	NAVD88	P	S	USGS	S	A
2015-12-16	18:20 UTC	m	72019	205.42			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments

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Title: Groundwater for New Mexico: Water Levels

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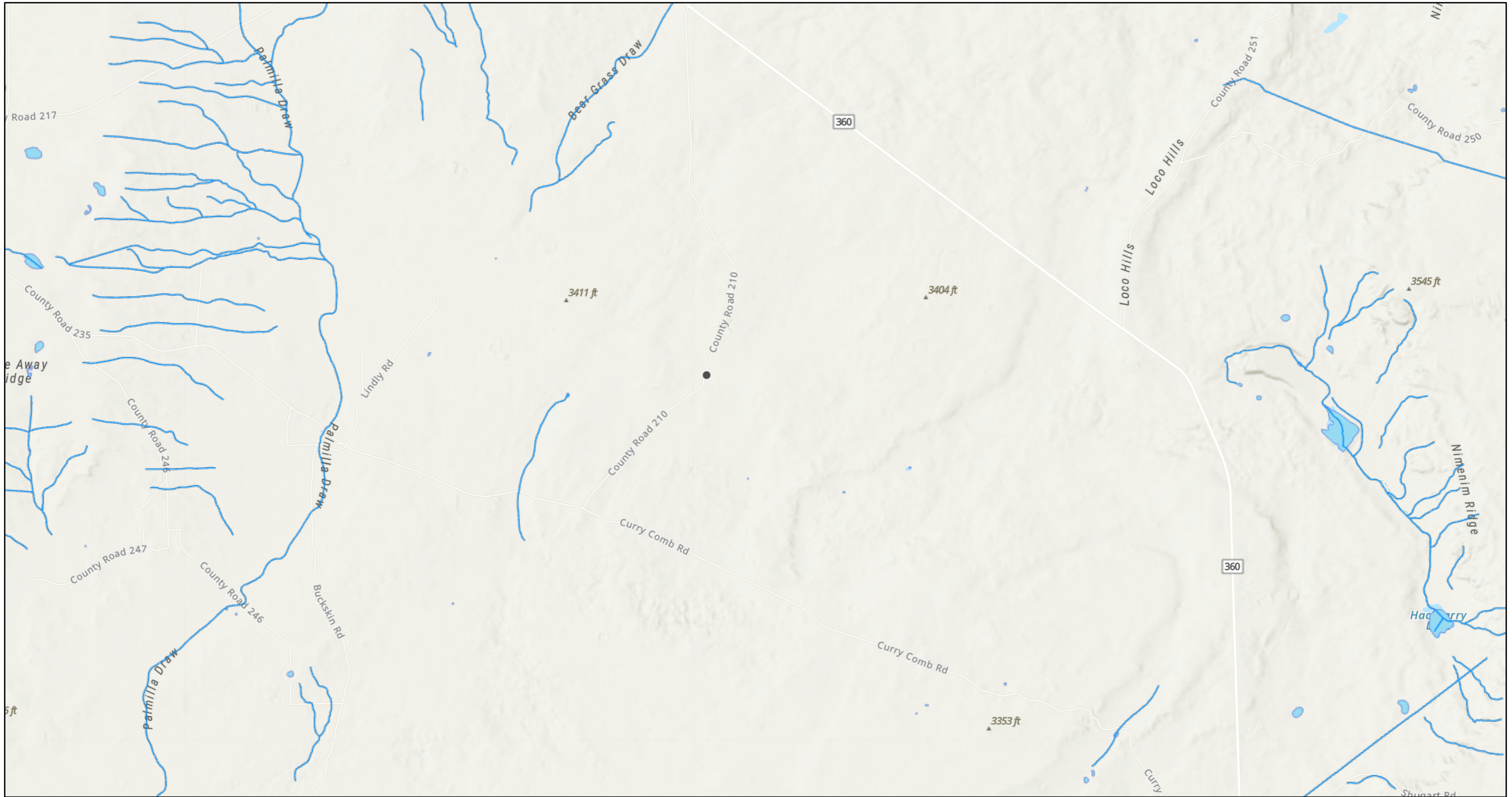
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2025-12-23 18:24:20 EST

0.35 0.29 nadww01



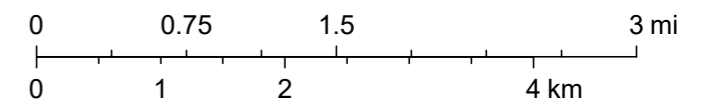
# Elevate Bish Pond Water Transfer Line (12.21.2025)



12/23/2025, 5:13:19 PM

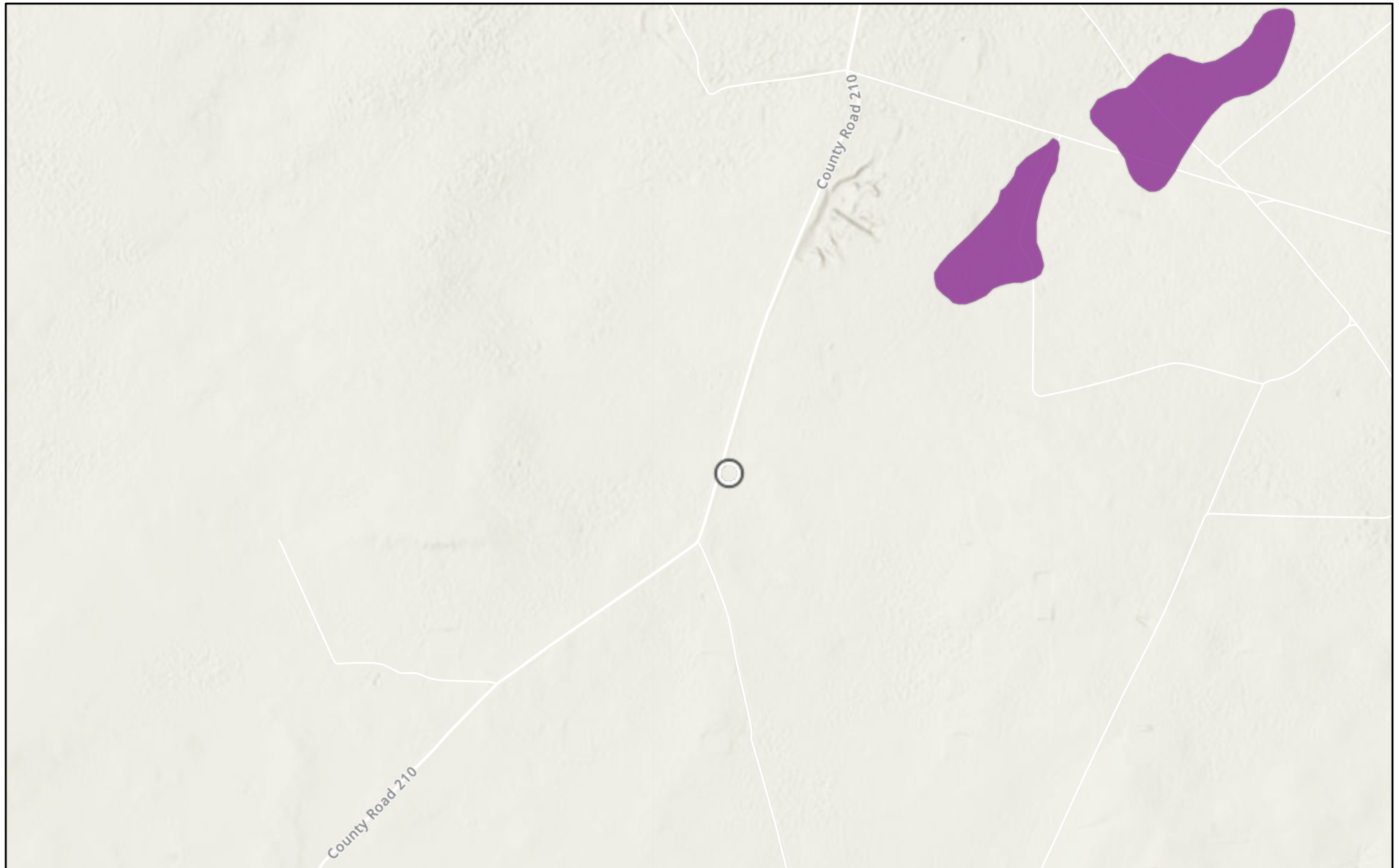
1:72,224

- OSW Water Bodys
- OSE Streams




Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

# Elevate Bish Pond Water Transfer Line (12.21.25)

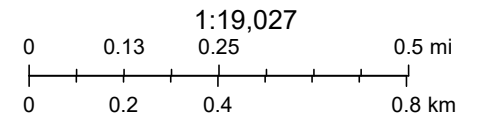


3/10/2026

USA Flood Hazard Areas

 1% Annual Chance Flood Hazard

World\_Hillshade

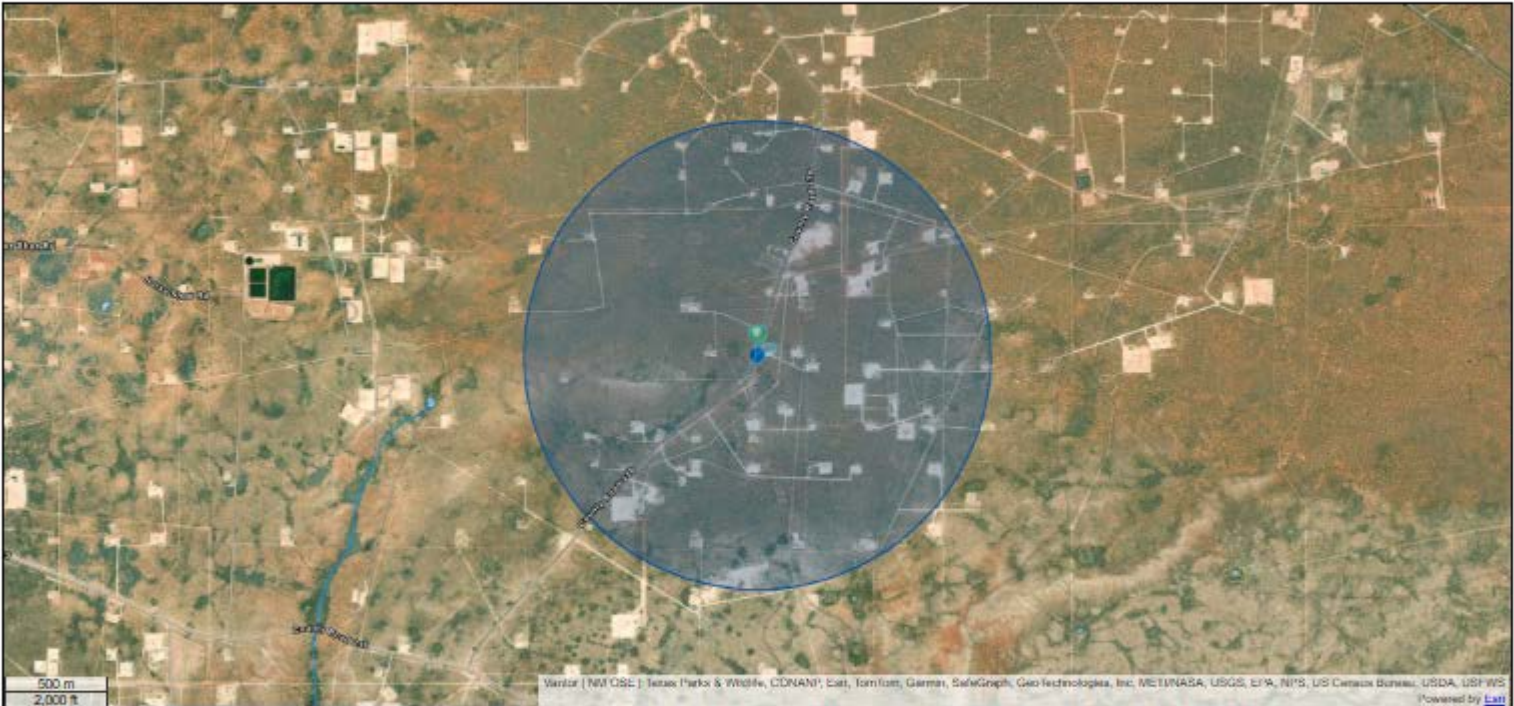


Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

Area of Interest (AOI) Information

Area: 3.14 mi<sup>2</sup>

Date: Tue Dec 23 2025 17:11:19 GMT-0600 (Central Standard Time)



Hydrology

NMED Drinking Water Systems



# APPENDIX E

CARMONA RESOURCES





Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Conner Moehring  
 Carmona Resources  
 310 W Wall St  
 Ste 500  
 Midland, Texas 79701

Generated 1/5/2026 10:28:05 PM

## JOB DESCRIPTION

Bish Pond Water Transfer Line (12.21.2025)  
 Eddy County New Mexico

## JOB NUMBER

890-9288-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



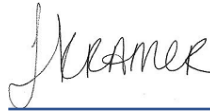
# Eurofins Carlsbad

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
1/5/2026 10:28:05 PM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

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Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Laboratory Job ID: 890-9288-1  
SDG: Eddy County New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Carmona Resources  
Project: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1

**Job ID: 890-9288-1**

**Eurofins Carlsbad**

### Job Narrative 890-9288-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

#### Receipt

The samples were received on 12/29/2025 2:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.2°C.

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-9288-1), H-2 (0-0.5) (890-9288-2), H-3 (0-0.5) (890-9288-3), H-4 (0-0.5) (890-9288-4), H-5 (0-0.5) (890-9288-5), H-6 (0-0.5) (890-9288-6) and H-7 (0-0.5) (890-9288-7).

#### GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-127969 and analytical batch 880-127950 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Diesel Range Organics

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-127934/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-127934/2-A) and (LCSD 880-127934/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-1 (0-0.5)**

**Lab Sample ID: 890-9288-1**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 04:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 04:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 04:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/31/25 09:03	01/01/26 04:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 04:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/31/25 09:03	01/01/26 04:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/31/25 09:03	01/01/26 04:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/31/25 09:03	01/01/26 04:14	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/01/26 04:14	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/05/26 08:09	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/25 10:56	01/05/26 08:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/25 10:56	01/05/26 08:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/25 10:56	01/05/26 08:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	12/30/25 10:56	01/05/26 08:09	1
o-Terphenyl (Surr)	113		70 - 130	12/30/25 10:56	01/05/26 08:09	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.1		9.96		mg/Kg			12/30/25 18:06	1

**Client Sample ID: H-2 (0-0.5)**

**Lab Sample ID: 890-9288-2**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	01/01/26 04:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	01/01/26 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	12/31/25 09:03	01/01/26 04:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/31/25 09:03	01/01/26 04:35	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-2 (0-0.5)**

**Lab Sample ID: 890-9288-2**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/01/26 04:35	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/05/26 08:24	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/30/25 10:56	01/05/26 08:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/30/25 10:56	01/05/26 08:24	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/30/25 10:56	01/05/26 08:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	12/30/25 10:56	01/05/26 08:24	1
o-Terphenyl (Surr)	107		70 - 130	12/30/25 10:56	01/05/26 08:24	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			12/30/25 18:11	1

**Client Sample ID: H-3 (0-0.5)**

**Lab Sample ID: 890-9288-3**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	01/01/26 04:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 04:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	01/01/26 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/31/25 09:03	01/01/26 04:55	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/31/25 09:03	01/01/26 04:55	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/01/26 04:55	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/05/26 14:25	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 14:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 14:25	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-3 (0-0.5)**

**Lab Sample ID: 890-9288-3**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				12/30/25 11:04	01/05/26 14:25	1
o-Terphenyl (Surr)	111		70 - 130				12/30/25 11:04	01/05/26 14:25	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			12/30/25 18:16	1

**Client Sample ID: H-4 (0-0.5)**

**Lab Sample ID: 890-9288-4**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	01/01/26 05:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	01/01/26 05:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	01/01/26 05:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/31/25 09:03	01/01/26 05:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	01/01/26 05:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/31/25 09:03	01/01/26 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				12/31/25 09:03	01/01/26 05:16	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/31/25 09:03	01/01/26 05:16	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/01/26 05:16	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/05/26 15:11	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 15:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 15:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				12/30/25 11:04	01/05/26 15:11	1
o-Terphenyl (Surr)	113		70 - 130				12/30/25 11:04	01/05/26 15:11	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			12/30/25 18:21	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-5 (0-0.5)**

**Lab Sample ID: 890-9288-5**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	01/01/26 05:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	01/01/26 05:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	01/01/26 05:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/31/25 09:03	01/01/26 05:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	01/01/26 05:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/31/25 09:03	01/01/26 05:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/31/25 09:03	01/01/26 05:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/31/25 09:03	01/01/26 05:36	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/01/26 05:36	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/05/26 15:26	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/30/25 11:04	01/05/26 15:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/30/25 11:04	01/05/26 15:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/30/25 11:04	01/05/26 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	12/30/25 11:04	01/05/26 15:26	1
o-Terphenyl (Surr)	109		70 - 130	12/30/25 11:04	01/05/26 15:26	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			12/30/25 18:36	1

**Client Sample ID: H-6 (0-0.5)**

**Lab Sample ID: 890-9288-6**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/31/25 09:03	01/01/26 05:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/31/25 09:03	01/01/26 05:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/31/25 09:03	01/01/26 05:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/31/25 09:03	01/01/26 05:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/31/25 09:03	01/01/26 05:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/31/25 09:03	01/01/26 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/31/25 09:03	01/01/26 05:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/31/25 09:03	01/01/26 05:57	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-6 (0-0.5)**

**Lab Sample ID: 890-9288-6**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/01/26 05:57	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/05/26 15:41	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/30/25 11:04	01/05/26 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/30/25 11:04	01/05/26 15:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/25 11:04	01/05/26 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	12/30/25 11:04	01/05/26 15:41	1
o-Terphenyl (Surr)	111		70 - 130	12/30/25 11:04	01/05/26 15:41	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/30/25 18:41	1

**Client Sample ID: H-7 (0-0.5)**

**Lab Sample ID: 890-9288-7**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 06:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 06:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 06:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/31/25 09:03	01/01/26 06:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 06:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/31/25 09:03	01/01/26 06:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/31/25 09:03	01/01/26 06:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/31/25 09:03	01/01/26 06:17	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/01/26 06:17	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/05/26 15:56	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 15:56	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-7 (0-0.5)**

**Lab Sample ID: 890-9288-7**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/25 11:04	01/05/26 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				12/30/25 11:04	01/05/26 15:56	1
o-Terphenyl (Surr)	108		70 - 130				12/30/25 11:04	01/05/26 15:56	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		10.1		mg/Kg			12/30/25 18:56	1

### Surrogate Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Method: 8021B - Volatile Organic Compounds (GC)**

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9280-A-1-C MS	Matrix Spike	100	101
890-9280-A-1-D MSD	Matrix Spike Duplicate	92	99
890-9288-1	H-1 (0-0.5)	105	97
890-9288-2	H-2 (0-0.5)	101	96
890-9288-3	H-3 (0-0.5)	102	97
890-9288-4	H-4 (0-0.5)	102	95
890-9288-5	H-5 (0-0.5)	105	98
890-9288-6	H-6 (0-0.5)	102	99
890-9288-7	H-7 (0-0.5)	104	99
LCS 880-127969/1-A	Lab Control Sample	98	100
LCSD 880-127969/2-A	Lab Control Sample Dup	99	100
MB 880-127806/5-A	Method Blank	97	91
MB 880-127969/5-A	Method Blank	93	92

**Surrogate Legend**  
 BFB = 4-Bromofluorobenzene (Surr)  
 DFBZ = 1,4-Difluorobenzene (Surr)

**Method: 8015B NM - Diesel Range Organics (DRO) (GC)**

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9284-A-16-E MS	Matrix Spike	106	121
890-9284-A-16-F MSD	Matrix Spike Duplicate	106	120
890-9288-1	H-1 (0-0.5)	108	113
890-9288-2	H-2 (0-0.5)	108	107
890-9288-3	H-3 (0-0.5)	95	111
890-9288-3 MS	H-3 (0-0.5)	100	111
890-9288-3 MSD	H-3 (0-0.5)	101	112
890-9288-4	H-4 (0-0.5)	99	113
890-9288-5	H-5 (0-0.5)	97	109
890-9288-6	H-6 (0-0.5)	97	111
890-9288-7	H-7 (0-0.5)	92	108
LCS 880-127934/2-A	Lab Control Sample	115	134 S1+
LCS 880-127935/2-A	Lab Control Sample	100	108
LCSD 880-127934/3-A	Lab Control Sample Dup	119	135 S1+
LCSD 880-127935/3-A	Lab Control Sample Dup	102	108
MB 880-127934/1-A	Method Blank	224 S1+	238 S1+
MB 880-127935/1-A	Method Blank	113	110

**Surrogate Legend**  
 1CO = 1-Chlorooctane (Surr)  
 OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-127806/5-A  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/29/25 09:04	12/31/25 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/25 09:04	12/31/25 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/29/25 09:04	12/31/25 11:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/29/25 09:04	12/31/25 11:20	1

Lab Sample ID: MB 880-127969/5-A  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/31/25 09:03	12/31/25 22:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/31/25 09:03	12/31/25 22:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	12/31/25 09:03	12/31/25 22:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/31/25 09:03	12/31/25 22:25	1

Lab Sample ID: LCS 880-127969/1-A  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 127969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1114		mg/Kg		111	70 - 130
Toluene	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2030		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1030		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-127969/2-A  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1134		mg/Kg		113	70 - 130	2	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-127969/2-A  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1017		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2047		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1037		mg/Kg		104	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9280-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 127969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.08650		mg/Kg		87	70 - 130
Toluene	<0.00200	U F1	0.100	0.07855		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.08142		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1623		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.08298		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-9280-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 127950

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127969

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06534	F1	mg/Kg		65	70 - 130	28	35
Toluene	<0.00200	U F1	0.100	0.05980	F1	mg/Kg		60	70 - 130	27	35
Ethylbenzene	<0.00200	U F1	0.100	0.06149	F1	mg/Kg		61	70 - 130	28	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1154	F1	mg/Kg		58	70 - 130	34	35
o-Xylene	<0.00200	U F1	0.100	0.06008	F1	mg/Kg		60	70 - 130	32	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-127934/1-A  
 Matrix: Solid  
 Analysis Batch: 128148

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/25 10:55	01/05/26 02:00	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 880-127934/1-A**  
**Matrix: Solid**  
**Analysis Batch: 128148**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127934**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/25 10:55	01/05/26 02:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/25 10:55	01/05/26 02:00	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	224	S1+	70 - 130	12/30/25 10:55	01/05/26 02:00	1			
o-Terphenyl (Surr)	238	S1+	70 - 130	12/30/25 10:55	01/05/26 02:00	1			

**Lab Sample ID: LCS 880-127934/2-A**  
**Matrix: Solid**  
**Analysis Batch: 128148**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127934**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1003		mg/Kg		100	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	115		70 - 130				
o-Terphenyl (Surr)	134	S1+	70 - 130				

**Lab Sample ID: LCSD 880-127934/3-A**  
**Matrix: Solid**  
**Analysis Batch: 128148**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127934**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1019		mg/Kg		102	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	119		70 - 130						
o-Terphenyl (Surr)	135	S1+	70 - 130						

**Lab Sample ID: 890-9284-A-16-E MS**  
**Matrix: Solid**  
**Analysis Batch: 128148**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127934**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	822.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	916.9		mg/Kg		92	70 - 130
Surrogate	MS	MS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	106		70 - 130						
o-Terphenyl (Surr)	121		70 - 130						

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 890-9284-A-16-F MSD**  
**Matrix: Solid**  
**Analysis Batch: 128148**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 127934**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	833.4		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	916.4		mg/Kg		92	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	106		70 - 130								
o-Terphenyl (Surr)	120		70 - 130								

**Lab Sample ID: MB 880-127935/1-A**  
**Matrix: Solid**  
**Analysis Batch: 128192**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127935**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/25 11:03	01/05/26 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/25 11:03	01/05/26 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/25 11:03	01/05/26 09:12	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	113		70 - 130				12/30/25 11:03	01/05/26 09:12	1
o-Terphenyl (Surr)	110		70 - 130				12/30/25 11:03	01/05/26 09:12	1

**Lab Sample ID: LCS 880-127935/2-A**  
**Matrix: Solid**  
**Analysis Batch: 128192**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127935**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
							Result
Gasoline Range Organics (GRO)-C6-C10	1000	833.7		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1183		mg/Kg		118	70 - 130
Surrogate	LCS	LCS					
	%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)	100		70 - 130				
o-Terphenyl (Surr)	108		70 - 130				

**Lab Sample ID: LCSD 880-127935/3-A**  
**Matrix: Solid**  
**Analysis Batch: 128192**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127935**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Result		
Gasoline Range Organics (GRO)-C6-C10	1000	848.9		mg/Kg		85	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1156		mg/Kg		116	70 - 130	2	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-127935/3-A  
 Matrix: Solid  
 Analysis Batch: 128192

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127935

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	102		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: 890-9288-3 MS  
 Matrix: Solid  
 Analysis Batch: 128192

Client Sample ID: H-3 (0-0.5)  
 Prep Type: Total/NA  
 Prep Batch: 127935

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	727.3		mg/Kg		73		70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	820.0		mg/Kg		82		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	111		70 - 130

Lab Sample ID: 890-9288-3 MSD  
 Matrix: Solid  
 Analysis Batch: 128192

Client Sample ID: H-3 (0-0.5)  
 Prep Type: Total/NA  
 Prep Batch: 127935

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	740.4		mg/Kg		74		70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	840.8		mg/Kg		84		70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	112		70 - 130

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-127928/1-A  
 Matrix: Solid  
 Analysis Batch: 127945

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Chloride	<10.0	U	10.0		mg/Kg			12/30/25 16:57		1

Lab Sample ID: LCS 880-127928/2-A  
 Matrix: Solid  
 Analysis Batch: 127945

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	243.4		mg/Kg		97		90 - 110

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Method: 300.0 - Anions, Ion Chromatography (Continued)**

**Lab Sample ID: LCSD 880-127928/3-A**  
**Matrix: Solid**  
**Analysis Batch: 127945**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Soluble**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.1		mg/Kg		97	90 - 110	0	20

**Lab Sample ID: 890-9288-4 MS**  
**Matrix: Solid**  
**Analysis Batch: 127945**

**Client Sample ID: H-4 (0-0.5)**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	244.2		mg/Kg		96	90 - 110

**Lab Sample ID: 890-9288-4 MSD**  
**Matrix: Solid**  
**Analysis Batch: 127945**

**Client Sample ID: H-4 (0-0.5)**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	244.3		mg/Kg		96	90 - 110	0	20

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### GC VOA

##### Prep Batch: 127806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127806/5-A	Method Blank	Total/NA	Solid	5035	

##### Analysis Batch: 127950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Total/NA	Solid	8021B	127969
890-9288-2	H-2 (0-0.5)	Total/NA	Solid	8021B	127969
890-9288-3	H-3 (0-0.5)	Total/NA	Solid	8021B	127969
890-9288-4	H-4 (0-0.5)	Total/NA	Solid	8021B	127969
890-9288-5	H-5 (0-0.5)	Total/NA	Solid	8021B	127969
890-9288-6	H-6 (0-0.5)	Total/NA	Solid	8021B	127969
890-9288-7	H-7 (0-0.5)	Total/NA	Solid	8021B	127969
MB 880-127806/5-A	Method Blank	Total/NA	Solid	8021B	127806
MB 880-127969/5-A	Method Blank	Total/NA	Solid	8021B	127969
LCS 880-127969/1-A	Lab Control Sample	Total/NA	Solid	8021B	127969
LCSD 880-127969/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127969
890-9280-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	127969
890-9280-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127969

##### Prep Batch: 127969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9288-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-9288-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-9288-4	H-4 (0-0.5)	Total/NA	Solid	5035	
890-9288-5	H-5 (0-0.5)	Total/NA	Solid	5035	
890-9288-6	H-6 (0-0.5)	Total/NA	Solid	5035	
890-9288-7	H-7 (0-0.5)	Total/NA	Solid	5035	
MB 880-127969/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127969/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127969/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9280-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9280-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 128102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9288-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9288-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9288-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9288-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9288-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9288-7	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

##### Prep Batch: 127934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9288-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-127934/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127934/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### GC Semi VOA (Continued)

##### Prep Batch: 127934 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-127934/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9284-A-16-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9284-A-16-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 127935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9288-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9288-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9288-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9288-7	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-127935/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127935/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127935/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9288-3 MS	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9288-3 MSD	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 128148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	127934
890-9288-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	127934
MB 880-127934/1-A	Method Blank	Total/NA	Solid	8015B NM	127934
LCS 880-127934/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127934
LCSD 880-127934/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127934
890-9284-A-16-E MS	Matrix Spike	Total/NA	Solid	8015B NM	127934
890-9284-A-16-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127934

##### Analysis Batch: 128192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	127935
890-9288-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	127935
890-9288-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	127935
890-9288-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	127935
890-9288-7	H-7 (0-0.5)	Total/NA	Solid	8015B NM	127935
MB 880-127935/1-A	Method Blank	Total/NA	Solid	8015B NM	127935
LCS 880-127935/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127935
LCSD 880-127935/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127935
890-9288-3 MS	H-3 (0-0.5)	Total/NA	Solid	8015B NM	127935
890-9288-3 MSD	H-3 (0-0.5)	Total/NA	Solid	8015B NM	127935

##### Analysis Batch: 128207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-9288-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-9288-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-9288-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
890-9288-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
890-9288-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
890-9288-7	H-7 (0-0.5)	Total/NA	Solid	8015 NM	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

#### HPLC/IC

##### Leach Batch: 127928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-7	H-7 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-127928/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127928/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127928/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9288-4 MS	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-9288-4 MSD	H-4 (0-0.5)	Soluble	Solid	DI Leach	

##### Analysis Batch: 127945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9288-1	H-1 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-2	H-2 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-3	H-3 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-4	H-4 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-5	H-5 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-6	H-6 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-7	H-7 (0-0.5)	Soluble	Solid	300.0	127928
MB 880-127928/1-A	Method Blank	Soluble	Solid	300.0	127928
LCS 880-127928/2-A	Lab Control Sample	Soluble	Solid	300.0	127928
LCSD 880-127928/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127928
890-9288-4 MS	H-4 (0-0.5)	Soluble	Solid	300.0	127928
890-9288-4 MSD	H-4 (0-0.5)	Soluble	Solid	300.0	127928

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-1 (0-0.5)**

**Lab Sample ID: 890-9288-1**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 04:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 04:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			128207	01/05/26 08:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127934	12/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128148	01/05/26 08:09	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:06	CS	EET MID

**Client Sample ID: H-2 (0-0.5)**

**Lab Sample ID: 890-9288-2**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 04:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 04:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			128207	01/05/26 08:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	127934	12/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128148	01/05/26 08:24	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:11	CS	EET MID

**Client Sample ID: H-3 (0-0.5)**

**Lab Sample ID: 890-9288-3**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 04:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 04:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			128207	01/05/26 14:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 14:25	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:16	CS	EET MID

**Client Sample ID: H-4 (0-0.5)**

**Lab Sample ID: 890-9288-4**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 05:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 05:16	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

**Client Sample ID: H-4 (0-0.5)**

**Lab Sample ID: 890-9288-4**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			128207	01/05/26 15:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 15:11	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:21	CS	EET MID

**Client Sample ID: H-5 (0-0.5)**

**Lab Sample ID: 890-9288-5**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 05:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 05:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			128207	01/05/26 15:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 15:26	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:36	CS	EET MID

**Client Sample ID: H-6 (0-0.5)**

**Lab Sample ID: 890-9288-6**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 05:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 05:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			128207	01/05/26 15:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 15:41	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:41	CS	EET MID

**Client Sample ID: H-7 (0-0.5)**

**Lab Sample ID: 890-9288-7**

Date Collected: 12/24/25 00:00

Matrix: Solid

Date Received: 12/29/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 06:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128102	01/01/26 06:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			128207	01/05/26 15:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 15:56	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
SDG: Eddy County New Mexico

**Client Sample ID: H-7 (0-0.5)**

**Lab Sample ID: 890-9288-7**

**Date Collected: 12/24/25 00:00**

**Matrix: Solid**

**Date Received: 12/29/25 14:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 18:56	CS	EET MID

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
SDG: Eddy County New Mexico

#### Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date												
Texas	NELAP	T104704400	06-30-26												
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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### Method Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
 SDG: Eddy County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



### Sample Summary

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (12.21.2025)

Job ID: 890-9288-1  
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9288-1	H-1 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas
890-9288-2	H-2 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas
890-9288-3	H-3 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas
890-9288-4	H-4 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas
890-9288-5	H-5 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas
890-9288-6	H-6 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas
890-9288-7	H-7 (0-0.5)	Solid	12/24/25 00:00	12/29/25 14:30	Texas

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Chain of Custody



890-9286 Chain of Custody

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**Work Order Comments**

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level II Level III PST/UST RRP Level IV

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

Deliverables: EDD  ADaPT  Other:

Project Manager: **Conner Moehring** Carmونا Resources

Company Name: **Carmona Resources**

Address: **310 W Wall St Ste 500**

City, State ZIP: **Midland, TX 79701**

Phone: **432-813-6823** Email: **micarmona@carmonaresources.com**

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST		Preservative Codes
					<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		Parameters	# of Cont	
Bish Pond Water Transfer Line (12.21.2025)	3093	Eddy County, New Mexico	RP		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		BTEX 8021B	1	None: NO DI Water: H <sub>2</sub> O
					Due Date:	Standard		TPH 8015M (GRO + DRO + MRO)	1	Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN NaOH: Na
					Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wet Ice: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride 300.0	1	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP 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
<b>SAMPLE RECEIPT</b>										
Received Intact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A								
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A								
Total Containers:										
Sample Identification	Date	Time	Soil	Water	Grab/Comp					
H-1 (0-0.5')	12/24/2025		X		G			X	1	
H-2 (0-0.5')	12/24/2025		X		G			X	1	
H-3 (0-0.5')	12/24/2025		X		G			X	1	
H-4 (0-0.5')	12/24/2025		X		G			X	1	
H-5 (0-0.5')	12/24/2025		X		G			X	1	
H-6 (0-0.5')	12/24/2025		X		G			X	1	
H-7 (0-0.5')	12/24/2025		X		G			X	1	

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

Relinquished by: (Signature) *[Signature]* Date/Time

Received by: (Signature) *[Signature]* Date/Time **14:30 12/29**



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9288-1  
SDG Number: Eddy County New Mexico

**Login Number: 9288**

**List Number: 1**

**Creator: Lopez, Abraham**

**List Source: Eurofins Carlsbad**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9288-1  
SDG Number: Eddy County New Mexico

**Login Number: 9288**  
**List Number: 2**  
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**  
**List Creation: 12/30/25 10:42 AM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Conner Moehring  
 Carmona Resources  
 310 W Wall St  
 Ste 500  
 Midland, Texas 79701

Generated 1/20/2026 2:28:59 PM

## JOB DESCRIPTION

Bish Pond Water Transfer Line (012.21.2025)  
 Eddy County, New Mexico

## JOB NUMBER

880-67078-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
1/20/2026 2:28:59 PM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

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Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Laboratory Job ID: 880-67078-1  
SDG: Eddy County, New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
SDG: Eddy County, New Mexico

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Carmona Resources  
Project: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1

**Job ID: 880-67078-1**

**Eurofins Midland**

### Job Narrative 880-67078-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 1/15/2026 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.7°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-67078-1), T-1 (1.5') (880-67078-2), T-1 (2') (880-67078-3), T-1 (3') (880-67078-4), T-1 (4') (880-67078-5), T-2 (0-1') (880-67078-6), T-2 (1.5') (880-67078-7), T-2 (2') (880-67078-8), T-2 (3') (880-67078-9), T-2 (4') (880-67078-10), T-2 (5') (880-67078-11), T-2 (6') (880-67078-12), T-2 (7') (880-67078-13), T-2 (8') (880-67078-14), T-2 (10') (880-67078-15), T-2 (12') (880-67078-16), T-3 (0-1') (880-67078-17), T-3 (1.5') (880-67078-18), T-3 (2') (880-67078-19), T-3 (3') (880-67078-20), T-3 (4') (880-67078-21), T-3 (5') (880-67078-22), T-3 (6') (880-67078-23), T-3 (7') (880-67078-24), T-3 (8') (880-67078-25), T-3 (10') (880-67078-26), T-3 (12') (880-67078-27), T-4 (0-1') (880-67078-28), T-4 (1.5') (880-67078-29), T-4 (2') (880-67078-30), T-4 (3') (880-67078-31), T-4 (4') (880-67078-32), T-5 (0-1') (880-67078-33), T-5 (1.5') (880-67078-34), T-5 (2') (880-67078-35), T-5 (3') (880-67078-36) and T-5 (4') (880-67078-37)

### GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-129028 and analytical batch 880-129109 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-4 (0-1') (880-67078-28) and T-4 (1.5') (880-67078-29). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-129120 and analytical batch 880-129109 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129119 and analytical batch 880-129108 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-129148 and analytical batch 880-129234 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129149/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-67078-A-26-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129168/1-A). Evidence of matrix interferences is not obvious.

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### Case Narrative

Client: Carmona Resources  
Project: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1

**Job ID: 880-67078-1 (Continued)**

**Eurofins Midland**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**HPLC/IC**

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129116 and analytical batch 880-129152 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129118 and analytical batch 880-129178 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-1 (0-1')**

**Lab Sample ID: 880-67078-1**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:44	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:44	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:44	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		01/16/26 09:39	01/16/26 22:44	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:44	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		01/16/26 09:39	01/16/26 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/16/26 09:39	01/16/26 22:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/16/26 09:39	01/16/26 22:44	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/26 22:44	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/19/26 20:58	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:55	01/19/26 20:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:55	01/19/26 20:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:55	01/19/26 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	01/16/26 10:55	01/19/26 20:58	1
o-Terphenyl (Surr)	103		70 - 130	01/16/26 10:55	01/19/26 20:58	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8060	F1	100		mg/Kg			01/16/26 14:03	10

**Client Sample ID: T-1 (1.5')**

**Lab Sample ID: 880-67078-2**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/16/26 23:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/16/26 23:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/16/26 23:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/16/26 23:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/16/26 23:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/16/26 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/16/26 09:39	01/16/26 23:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/16/26 09:39	01/16/26 23:04	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-1 (1.5')**

**Lab Sample ID: 880-67078-2**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/26 23:04	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/19/26 21:13	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 21:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 21:13	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	98		70 - 130				01/16/26 10:55	01/19/26 21:13	1
o-Terphenyl (Surr)	101		70 - 130				01/16/26 10:55	01/19/26 21:13	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8700		99.8		mg/Kg			01/16/26 14:18	10

**Client Sample ID: T-1 (2')**

**Lab Sample ID: 880-67078-3**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/16/26 23:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/16/26 23:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/16/26 23:25	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/16/26 09:39	01/16/26 23:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/16/26 23:25	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/16/26 09:39	01/16/26 23:25	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		70 - 130				01/16/26 09:39	01/16/26 23:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/16/26 09:39	01/16/26 23:25	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/16/26 23:25	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/19/26 21:27	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/16/26 10:55	01/19/26 21:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/16/26 10:55	01/19/26 21:27	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-1 (2')**

**Lab Sample ID: 880-67078-3**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/16/26 10:55	01/19/26 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				01/16/26 10:55	01/19/26 21:27	1
o-Terphenyl (Surr)	108		70 - 130				01/16/26 10:55	01/19/26 21:27	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		10.1		mg/Kg			01/16/26 14:23	1

**Client Sample ID: T-1 (3')**

**Lab Sample ID: 880-67078-4**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/16/26 23:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/16/26 23:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/16/26 23:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/16/26 23:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/16/26 23:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/16/26 23:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/16/26 09:39	01/16/26 23:45	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/16/26 09:39	01/16/26 23:45	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/26 23:45	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/19/26 21:42	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 21:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 21:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				01/16/26 10:55	01/19/26 21:42	1
o-Terphenyl (Surr)	104		70 - 130				01/16/26 10:55	01/19/26 21:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		10.1		mg/Kg			01/16/26 14:28	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-1 (4')**

**Lab Sample ID: 880-67078-5**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:39	01/17/26 00:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:39	01/17/26 00:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:39	01/17/26 00:06	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/16/26 09:39	01/17/26 00:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:39	01/17/26 00:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/16/26 09:39	01/17/26 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/16/26 09:39	01/17/26 00:06	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/16/26 09:39	01/17/26 00:06	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/17/26 00:06	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/19/26 21:55	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/16/26 10:55	01/19/26 21:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/16/26 10:55	01/19/26 21:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/16/26 10:55	01/19/26 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	01/16/26 10:55	01/19/26 21:55	1
o-Terphenyl (Surr)	109		70 - 130	01/16/26 10:55	01/19/26 21:55	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458		9.94		mg/Kg			01/16/26 14:33	1

**Client Sample ID: T-2 (0-1')**

**Lab Sample ID: 880-67078-6**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/16/26 09:39	01/17/26 00:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/26 09:39	01/17/26 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/16/26 09:39	01/17/26 00:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/16/26 09:39	01/17/26 00:26	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (0-1')**

**Lab Sample ID: 880-67078-6**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/17/26 00:26	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/20/26 02:05	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 02:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 02:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 02:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	119		70 - 130				01/16/26 10:58	01/20/26 02:05	1
o-Terphenyl (Surr)	101		70 - 130				01/16/26 10:58	01/20/26 02:05	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4600		50.5		mg/Kg			01/16/26 14:48	5

**Client Sample ID: T-2 (1.5')**

**Lab Sample ID: 880-67078-7**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 00:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 00:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 00:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	100		70 - 130				01/16/26 09:39	01/17/26 00:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/16/26 09:39	01/17/26 00:47	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 00:47	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/20/26 02:49	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 02:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 02:49	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (1.5')**

**Lab Sample ID: 880-67078-7**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				01/16/26 10:58	01/20/26 02:49	1
o-Terphenyl (Surr)	109		70 - 130				01/16/26 10:58	01/20/26 02:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4390		101		mg/Kg			01/16/26 14:53	10

**Client Sample ID: T-2 (2')**

**Lab Sample ID: 880-67078-8**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 01:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 01:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 01:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/17/26 01:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 01:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/17/26 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/16/26 09:39	01/17/26 01:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/16/26 09:39	01/17/26 01:07	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/26 01:07	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 03:04	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 03:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 03:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				01/16/26 10:58	01/20/26 03:04	1
o-Terphenyl (Surr)	104		70 - 130				01/16/26 10:58	01/20/26 03:04	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5340		99.2		mg/Kg			01/16/26 14:58	10

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (3')**

**Lab Sample ID: 880-67078-9**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 01:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 01:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 01:28	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/16/26 09:39	01/17/26 01:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 01:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/16/26 09:39	01/17/26 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/16/26 09:39	01/17/26 01:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/16/26 09:39	01/17/26 01:28	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/26 01:28	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/20/26 03:19	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 03:19	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 03:19	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130	01/16/26 10:58	01/20/26 03:19	1
o-Terphenyl (Surr)	111		70 - 130	01/16/26 10:58	01/20/26 03:19	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3180		50.5		mg/Kg			01/16/26 15:03	5

**Client Sample ID: T-2 (4')**

**Lab Sample ID: 880-67078-10**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 01:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 01:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 01:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/17/26 01:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 01:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/17/26 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/16/26 09:39	01/17/26 01:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/16/26 09:39	01/17/26 01:48	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (4')**

**Lab Sample ID: 880-67078-10**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/26 01:48	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/20/26 03:34	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/16/26 10:58	01/20/26 03:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/16/26 10:58	01/20/26 03:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/16/26 10:58	01/20/26 03:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	118		70 - 130				01/16/26 10:58	01/20/26 03:34	1
o-Terphenyl (Surr)	103		70 - 130				01/16/26 10:58	01/20/26 03:34	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7740		101		mg/Kg			01/16/26 15:08	10

**Client Sample ID: T-2 (5')**

**Lab Sample ID: 880-67078-11**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 03:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 03:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 03:21	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 03:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 03:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 03:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		70 - 130				01/16/26 09:39	01/17/26 03:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/16/26 09:39	01/17/26 03:21	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 03:21	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/20/26 03:49	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 03:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 03:49	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (5')**

**Lab Sample ID: 880-67078-11**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 03:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				01/16/26 10:58	01/20/26 03:49	1
o-Terphenyl (Surr)	104		70 - 130				01/16/26 10:58	01/20/26 03:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780	F1	49.8		mg/Kg			01/16/26 15:13	5

**Client Sample ID: T-2 (6')**

**Lab Sample ID: 880-67078-12**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 03:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 03:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 03:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/17/26 03:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 03:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/17/26 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/16/26 09:39	01/17/26 03:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/16/26 09:39	01/17/26 03:42	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/26 03:42	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 04:03	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 04:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 04:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				01/16/26 10:58	01/20/26 04:03	1
o-Terphenyl (Surr)	102		70 - 130				01/16/26 10:58	01/20/26 04:03	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8410		201		mg/Kg			01/16/26 15:27	20

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (7')**

**Lab Sample ID: 880-67078-13**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 04:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 04:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 04:02	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/16/26 09:39	01/17/26 04:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 04:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/16/26 09:39	01/17/26 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/16/26 09:39	01/17/26 04:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/16/26 09:39	01/17/26 04:02	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/26 04:02	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/20/26 04:19	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 04:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 04:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	01/16/26 10:58	01/20/26 04:19	1
o-Terphenyl (Surr)	105		70 - 130	01/16/26 10:58	01/20/26 04:19	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		10.0		mg/Kg			01/16/26 15:32	1

**Client Sample ID: T-2 (8')**

**Lab Sample ID: 880-67078-14**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 04:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 04:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 04:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/16/26 09:39	01/17/26 04:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 04:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/16/26 09:39	01/17/26 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/16/26 09:39	01/17/26 04:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/16/26 09:39	01/17/26 04:23	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (8')**

**Lab Sample ID: 880-67078-14**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/26 04:23	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 04:34	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 04:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 04:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 04:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	123		70 - 130				01/16/26 10:58	01/20/26 04:34	1
o-Terphenyl (Surr)	103		70 - 130				01/16/26 10:58	01/20/26 04:34	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		49.8		mg/Kg			01/16/26 15:47	5

**Client Sample ID: T-2 (10')**

**Lab Sample ID: 880-67078-15**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 04:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 04:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 04:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/17/26 04:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 04:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/17/26 04:43	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	104		70 - 130				01/16/26 09:39	01/17/26 04:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/16/26 09:39	01/17/26 04:43	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/26 04:43	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/20/26 04:48	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 04:48	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 04:48	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (10')**

**Lab Sample ID: 880-67078-15**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				01/16/26 10:58	01/20/26 04:48	1
o-Terphenyl (Surr)	107		70 - 130				01/16/26 10:58	01/20/26 04:48	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1590		50.1		mg/Kg			01/16/26 15:52	5

**Client Sample ID: T-2 (12')**

**Lab Sample ID: 880-67078-16**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 05:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 05:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 05:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 05:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 05:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				01/16/26 09:39	01/17/26 05:04	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/16/26 09:39	01/17/26 05:04	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 05:04	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 05:18	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 05:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 05:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				01/16/26 10:58	01/20/26 05:18	1
o-Terphenyl (Surr)	110		70 - 130				01/16/26 10:58	01/20/26 05:18	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.2		9.96		mg/Kg			01/16/26 15:57	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (0-1')**

**Lab Sample ID: 880-67078-17**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 05:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 05:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 05:24	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		01/16/26 09:39	01/17/26 05:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:39	01/17/26 05:24	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/16/26 09:39	01/17/26 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/16/26 09:39	01/17/26 05:24	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/16/26 09:39	01/17/26 05:24	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/17/26 05:24	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 05:33	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 05:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 05:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 05:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130	01/16/26 10:58	01/20/26 05:33	1
o-Terphenyl (Surr)	109		70 - 130	01/16/26 10:58	01/20/26 05:33	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6960		101		mg/Kg			01/16/26 16:02	10

**Client Sample ID: T-3 (1.5')**

**Lab Sample ID: 880-67078-18**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 05:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 05:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 05:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/17/26 05:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:39	01/17/26 05:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:39	01/17/26 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/16/26 09:39	01/17/26 05:44	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/16/26 09:39	01/17/26 05:44	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (1.5')**

**Lab Sample ID: 880-67078-18**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/26 05:44	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/20/26 05:48	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 05:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 05:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130	01/16/26 10:58	01/20/26 05:48	1
o-Terphenyl (Surr)	108		70 - 130	01/16/26 10:58	01/20/26 05:48	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3890		100		mg/Kg			01/16/26 16:07	10

**Client Sample ID: T-3 (2')**

**Lab Sample ID: 880-67078-19**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 06:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/17/26 06:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:39	01/17/26 06:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/16/26 09:39	01/17/26 06:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/16/26 09:39	01/17/26 06:05	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 06:05	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 06:03	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 06:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 06:03	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (2')**

**Lab Sample ID: 880-67078-19**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 06:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	113		70 - 130				01/16/26 10:58	01/20/26 06:03	1
o-Terphenyl (Surr)	100		70 - 130				01/16/26 10:58	01/20/26 06:03	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4010		99.4		mg/Kg			01/16/26 16:12	10

**Client Sample ID: T-3 (3')**

**Lab Sample ID: 880-67078-20**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 06:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 06:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 06:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/17/26 06:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:39	01/17/26 06:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:39	01/17/26 06:25	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	105		70 - 130				01/16/26 09:39	01/17/26 06:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/16/26 09:39	01/17/26 06:25	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/26 06:25	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/20/26 06:18	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 06:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 06:18	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 06:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	129		70 - 130				01/16/26 10:58	01/20/26 06:18	1
o-Terphenyl (Surr)	113		70 - 130				01/16/26 10:58	01/20/26 06:18	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4880		100		mg/Kg			01/16/26 16:17	10

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (4')**

**Lab Sample ID: 880-67078-21**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:48	01/17/26 00:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:48	01/17/26 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/16/26 09:48	01/17/26 00:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/16/26 09:48	01/17/26 00:42	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 00:42	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/20/26 06:33	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 06:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 06:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 10:58	01/20/26 06:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	01/16/26 10:58	01/20/26 06:33	1
o-Terphenyl (Surr)	109		70 - 130	01/16/26 10:58	01/20/26 06:33	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4940		100		mg/Kg			01/16/26 21:13	10

**Client Sample ID: T-3 (5')**

**Lab Sample ID: 880-67078-22**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 01:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 01:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 01:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:48	01/17/26 01:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 01:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:48	01/17/26 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/16/26 09:48	01/17/26 01:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/16/26 09:48	01/17/26 01:02	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (5')**

**Lab Sample ID: 880-67078-22**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/26 01:02	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/20/26 06:47	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 06:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 06:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 06:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	123		70 - 130				01/16/26 10:58	01/20/26 06:47	1
o-Terphenyl (Surr)	105		70 - 130				01/16/26 10:58	01/20/26 06:47	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4330		99.0		mg/Kg			01/16/26 21:18	10

**Client Sample ID: T-3 (6')**

**Lab Sample ID: 880-67078-23**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 01:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 01:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 01:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/16/26 09:48	01/17/26 01:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 01:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/16/26 09:48	01/17/26 01:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	129		70 - 130				01/16/26 09:48	01/17/26 01:23	1
1,4-Difluorobenzene (Surr)	117		70 - 130				01/16/26 09:48	01/17/26 01:23	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/26 01:23	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/20/26 07:03	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/16/26 10:58	01/20/26 07:03	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/16/26 10:58	01/20/26 07:03	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (6')**

**Lab Sample ID: 880-67078-23**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/16/26 10:58	01/20/26 07:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				01/16/26 10:58	01/20/26 07:03	1
o-Terphenyl (Surr)	112		70 - 130				01/16/26 10:58	01/20/26 07:03	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4650		101		mg/Kg			01/16/26 21:33	10

**Client Sample ID: T-3 (7')**

**Lab Sample ID: 880-67078-24**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 01:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 01:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 01:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 01:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 01:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 01:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/16/26 09:48	01/17/26 01:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/16/26 09:48	01/17/26 01:43	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/26 01:43	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/20/26 07:18	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 07:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 07:18	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/16/26 10:58	01/20/26 07:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				01/16/26 10:58	01/20/26 07:18	1
o-Terphenyl (Surr)	112		70 - 130				01/16/26 10:58	01/20/26 07:18	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	776		10.1		mg/Kg			01/16/26 21:38	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (8')**

**Lab Sample ID: 880-67078-25**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 02:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 02:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 02:03	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/16/26 09:48	01/17/26 02:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 02:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/16/26 09:48	01/17/26 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/16/26 09:48	01/17/26 02:03	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/16/26 09:48	01/17/26 02:03	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/17/26 02:03	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/20/26 07:32	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/16/26 10:58	01/20/26 07:32	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/16/26 10:58	01/20/26 07:32	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/16/26 10:58	01/20/26 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	01/16/26 10:58	01/20/26 07:32	1
o-Terphenyl (Surr)	108		70 - 130	01/16/26 10:58	01/20/26 07:32	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9840		200		mg/Kg			01/16/26 21:43	20

**Client Sample ID: T-3 (10')**

**Lab Sample ID: 880-67078-26**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 02:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 02:24	1
Ethylbenzene	0.00406		0.00199		mg/Kg		01/16/26 09:48	01/17/26 02:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 02:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 02:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 02:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/16/26 09:48	01/17/26 02:24	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/16/26 09:48	01/17/26 02:24	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (10')**

**Lab Sample ID: 880-67078-26**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00406		0.00398		mg/Kg			01/17/26 02:24	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/19/26 19:21	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 19:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	99		70 - 130				01/16/26 11:35	01/19/26 19:21	1
o-Terphenyl (Surr)	99		70 - 130				01/16/26 11:35	01/19/26 19:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		9.96		mg/Kg			01/16/26 21:48	1

**Client Sample ID: T-3 (12')**

**Lab Sample ID: 880-67078-27**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 02:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 02:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 02:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/16/26 09:48	01/17/26 02:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 02:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/26 09:48	01/17/26 02:44	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	122		70 - 130				01/16/26 09:48	01/17/26 02:44	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/16/26 09:48	01/17/26 02:44	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/17/26 02:44	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/19/26 20:06	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/16/26 11:35	01/19/26 20:06	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/16/26 11:35	01/19/26 20:06	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (12')**

**Lab Sample ID: 880-67078-27**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/16/26 11:35	01/19/26 20:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	111		70 - 130				01/16/26 11:35	01/19/26 20:06	1
o-Terphenyl (Surr)	104		70 - 130				01/16/26 11:35	01/19/26 20:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	434		10.1		mg/Kg			01/16/26 21:52	1

**Client Sample ID: T-4 (0-1')**

**Lab Sample ID: 880-67078-28**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 03:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 03:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 03:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:48	01/17/26 03:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 03:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:48	01/17/26 03:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				01/16/26 09:48	01/17/26 03:05	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/16/26 09:48	01/17/26 03:05	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 03:05	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/19/26 20:21	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/16/26 11:35	01/19/26 20:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/16/26 11:35	01/19/26 20:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/16/26 11:35	01/19/26 20:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	103		70 - 130				01/16/26 11:35	01/19/26 20:21	1
o-Terphenyl (Surr)	92		70 - 130				01/16/26 11:35	01/19/26 20:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		10.1		mg/Kg			01/16/26 21:57	1

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-4 (1.5')**

**Lab Sample ID: 880-67078-29**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 03:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 03:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 03:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:48	01/17/26 03:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 03:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:48	01/17/26 03:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	01/16/26 09:48	01/17/26 03:25	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/16/26 09:48	01/17/26 03:25	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/26 03:25	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/19/26 20:36	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 20:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 20:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	01/16/26 11:35	01/19/26 20:36	1
o-Terphenyl (Surr)	97		70 - 130	01/16/26 11:35	01/19/26 20:36	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		10.0		mg/Kg			01/16/26 22:12	1

**Client Sample ID: T-4 (2')**

**Lab Sample ID: 880-67078-30**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 03:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 03:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 03:46	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/16/26 09:48	01/17/26 03:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 03:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/16/26 09:48	01/17/26 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/16/26 09:48	01/17/26 03:46	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/16/26 09:48	01/17/26 03:46	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-4 (2')**

**Lab Sample ID: 880-67078-30**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/26 03:46	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/19/26 20:52	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 20:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 20:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 20:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	101		70 - 130				01/16/26 11:35	01/19/26 20:52	1
o-Terphenyl (Surr)	95		70 - 130				01/16/26 11:35	01/19/26 20:52	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.8		10.1		mg/Kg			01/16/26 22:17	1

**Client Sample ID: T-4 (3')**

**Lab Sample ID: 880-67078-31**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 05:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 05:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 05:36	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 05:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 05:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 05:36	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	87		70 - 130				01/16/26 09:48	01/17/26 05:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/16/26 09:48	01/17/26 05:36	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/26 05:36	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/19/26 21:06	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 21:06	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-4 (3')**

**Lab Sample ID: 880-67078-31**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				01/16/26 11:35	01/19/26 21:06	1
o-Terphenyl (Surr)	105		70 - 130				01/16/26 11:35	01/19/26 21:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		10.0		mg/Kg			01/16/26 22:32	1

**Client Sample ID: T-4 (4')**

**Lab Sample ID: 880-67078-32**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 05:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 05:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 05:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/16/26 09:48	01/17/26 05:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 05:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/26 09:48	01/17/26 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/16/26 09:48	01/17/26 05:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/16/26 09:48	01/17/26 05:57	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/26 05:57	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/19/26 21:21	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 21:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				01/16/26 11:35	01/19/26 21:21	1
o-Terphenyl (Surr)	99		70 - 130				01/16/26 11:35	01/19/26 21:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.96		mg/Kg			01/16/26 22:37	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-5 (0-1')**

**Lab Sample ID: 880-67078-33**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 06:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 06:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 06:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/16/26 09:48	01/17/26 06:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/26 09:48	01/17/26 06:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/26 09:48	01/17/26 06:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/16/26 09:48	01/17/26 06:17	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/16/26 09:48	01/17/26 06:17	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/26 06:17	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/19/26 21:36	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 21:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	01/16/26 11:35	01/19/26 21:36	1
o-Terphenyl (Surr)	99		70 - 130	01/16/26 11:35	01/19/26 21:36	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6200		101		mg/Kg			01/16/26 22:42	10

**Client Sample ID: T-5 (1.5')**

**Lab Sample ID: 880-67078-34**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 06:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 06:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 06:38	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/16/26 09:48	01/17/26 06:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/16/26 09:48	01/17/26 06:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/16/26 09:48	01/17/26 06:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/16/26 09:48	01/17/26 06:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/16/26 09:48	01/17/26 06:38	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-5 (1.5')**

**Lab Sample ID: 880-67078-34**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/17/26 06:38	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/19/26 21:51	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 21:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 21:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 21:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	104		70 - 130				01/16/26 11:35	01/19/26 21:51	1
o-Terphenyl (Surr)	98		70 - 130				01/16/26 11:35	01/19/26 21:51	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		10.1		mg/Kg			01/16/26 22:47	1

**Client Sample ID: T-5 (2')**

**Lab Sample ID: 880-67078-35**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 06:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 06:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 06:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 06:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/26 09:48	01/17/26 06:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/26 09:48	01/17/26 06:58	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	112		70 - 130				01/16/26 09:48	01/17/26 06:58	1
1,4-Difluorobenzene (Surr)	115		70 - 130				01/16/26 09:48	01/17/26 06:58	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/26 06:58	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/19/26 22:06	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 22:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 22:06	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-5 (2')**

**Lab Sample ID: 880-67078-35**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 11:35	01/19/26 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				01/16/26 11:35	01/19/26 22:06	1
o-Terphenyl (Surr)	94		70 - 130				01/16/26 11:35	01/19/26 22:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2320		50.2		mg/Kg			01/16/26 22:52	5

**Client Sample ID: T-5 (3')**

**Lab Sample ID: 880-67078-36**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 07:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 07:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 07:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/16/26 09:48	01/17/26 07:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 07:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/26 09:48	01/17/26 07:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/16/26 09:48	01/17/26 07:18	1
1,4-Difluorobenzene (Surr)	112		70 - 130				01/16/26 09:48	01/17/26 07:18	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/17/26 07:18	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/19/26 22:36	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/16/26 11:35	01/19/26 22:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/16/26 11:35	01/19/26 22:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/16/26 11:35	01/19/26 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				01/16/26 11:35	01/19/26 22:36	1
o-Terphenyl (Surr)	101		70 - 130				01/16/26 11:35	01/19/26 22:36	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		10.1		mg/Kg			01/16/26 22:57	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-5 (4')**

**Lab Sample ID: 880-67078-37**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 07:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 07:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 07:39	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		01/16/26 09:48	01/17/26 07:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/16/26 09:48	01/17/26 07:39	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/16/26 09:48	01/17/26 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/16/26 09:48	01/17/26 07:39	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/16/26 09:48	01/17/26 07:39	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/17/26 07:39	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/19/26 22:51	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/16/26 11:35	01/19/26 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	01/16/26 11:35	01/19/26 22:51	1
o-Terphenyl (Surr)	115		70 - 130	01/16/26 11:35	01/19/26 22:51	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		9.96		mg/Kg			01/16/26 23:02	1

### Surrogate Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Method: 8021B - Volatile Organic Compounds (GC)**

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67078-1	T-1 (0-1')	97	92
880-67078-1 MS	T-1 (0-1')	98	97
880-67078-1 MSD	T-1 (0-1')	100	71
880-67078-2	T-1 (1.5')	104	92
880-67078-3	T-1 (2')	102	97
880-67078-4	T-1 (3')	99	92
880-67078-5	T-1 (4')	99	94
880-67078-6	T-2 (0-1')	102	93
880-67078-7	T-2 (1.5')	100	97
880-67078-8	T-2 (2')	108	101
880-67078-9	T-2 (3')	99	91
880-67078-10	T-2 (4')	104	96
880-67078-11	T-2 (5')	98	91
880-67078-12	T-2 (6')	108	99
880-67078-13	T-2 (7')	102	94
880-67078-14	T-2 (8')	99	97
880-67078-15	T-2 (10')	104	98
880-67078-16	T-2 (12')	72	90
880-67078-17	T-3 (0-1')	109	100
880-67078-18	T-3 (1.5')	90	77
880-67078-19	T-3 (2')	99	95
880-67078-20	T-3 (3')	105	94
880-67078-21	T-3 (4')	97	99
880-67078-21 MS	T-3 (4')	104	94
880-67078-21 MSD	T-3 (4')	110	95
880-67078-22	T-3 (5')	104	110
880-67078-23	T-3 (6')	129	117
880-67078-24	T-3 (7')	116	102
880-67078-25	T-3 (8')	107	105
880-67078-26	T-3 (10')	113	105
880-67078-27	T-3 (12')	122	91
880-67078-28	T-4 (0-1')	141 S1+	114
880-67078-29	T-4 (1.5')	146 S1+	115
880-67078-30	T-4 (2')	121	105
880-67078-31	T-4 (3')	87	99
880-67078-32	T-4 (4')	108	105
880-67078-33	T-5 (0-1')	109	107
880-67078-34	T-5 (1.5')	108	99
880-67078-35	T-5 (2')	112	115
880-67078-36	T-5 (3')	116	112
880-67078-37	T-5 (4')	120	108
LCS 880-129119/1-A	Lab Control Sample	95	101
LCS 880-129120/1-A	Lab Control Sample	95	94
LCSD 880-129119/2-A	Lab Control Sample Dup	96	95
LCSD 880-129120/2-A	Lab Control Sample Dup	96	100
MB 880-129028/5-A	Method Blank	146 S1+	94
MB 880-129081/5-A	Method Blank	111	88
MB 880-129119/5-A	Method Blank	112	87
MB 880-129120/5-A	Method Blank	177 S1+	112

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## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)  
 DFBZ = 1,4-Difluorobenzene (Surr)

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67063-A-31-D MS	Matrix Spike	119	109
880-67063-A-31-E MSD	Matrix Spike Duplicate	118	107
880-67078-1	T-1 (0-1')	96	103
880-67078-2	T-1 (1.5')	98	101
880-67078-3	T-1 (2')	105	108
880-67078-4	T-1 (3')	101	104
880-67078-5	T-1 (4')	103	109
880-67078-6	T-2 (0-1')	119	101
880-67078-6 MS	T-2 (0-1')	113	106
880-67078-6 MSD	T-2 (0-1')	112	106
880-67078-7	T-2 (1.5')	129	109
880-67078-8	T-2 (2')	117	104
880-67078-9	T-2 (3')	129	111
880-67078-10	T-2 (4')	118	103
880-67078-11	T-2 (5')	122	104
880-67078-12	T-2 (6')	117	102
880-67078-13	T-2 (7')	122	105
880-67078-14	T-2 (8')	123	103
880-67078-15	T-2 (10')	127	107
880-67078-16	T-2 (12')	129	110
880-67078-17	T-3 (0-1')	128	109
880-67078-18	T-3 (1.5')	129	108
880-67078-19	T-3 (2')	113	100
880-67078-20	T-3 (3')	129	113
880-67078-21	T-3 (4')	124	109
880-67078-22	T-3 (5')	123	105
880-67078-23	T-3 (6')	125	112
880-67078-24	T-3 (7')	123	112
880-67078-25	T-3 (8')	122	108
880-67078-26	T-3 (10')	99	99
880-67078-26 MS	T-3 (10')	108	104
880-67078-26 MSD	T-3 (10')	137 S1+	105
880-67078-27	T-3 (12')	111	104
880-67078-28	T-4 (0-1')	103	92
880-67078-29	T-4 (1.5')	102	97
880-67078-30	T-4 (2')	101	95
880-67078-31	T-4 (3')	114	105
880-67078-32	T-4 (4')	106	99
880-67078-33	T-5 (0-1')	103	99
880-67078-34	T-5 (1.5')	104	98
880-67078-35	T-5 (2')	102	94
880-67078-36	T-5 (3')	111	101
880-67078-37	T-5 (4')	119	115
LCS 880-129148/2-A	Lab Control Sample	125	111
LCS 880-129149/2-A	Lab Control Sample	127	93
LCS 880-129168/2-A	Lab Control Sample	105	95

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### Surrogate Summary

Client: Carmona Resources

Job ID: 880-67078-1

Project/Site: Bish Pond Water Transfer Line (012.21.2025)

SDG: Eddy County, New Mexico

**Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS D 880-129148/3-A	Lab Control Sample Dup	118	111
LCS D 880-129149/3-A	Lab Control Sample Dup	123	90
LCS D 880-129168/3-A	Lab Control Sample Dup	107	98
MB 880-129148/1-A	Method Blank	143 S1+	148 S1+
MB 880-129149/1-A	Method Blank	134 S1+	118
MB 880-129168/1-A	Method Blank	153 S1+	125

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129028/5-A  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129028

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				01/15/26 11:05	01/16/26 12:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/15/26 11:05	01/16/26 12:36	1

Lab Sample ID: MB 880-129081/5-A  
 Matrix: Solid  
 Analysis Batch: 129108

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129081

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/26 16:18	01/16/26 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 16:18	01/16/26 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 16:18	01/16/26 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/15/26 16:18	01/16/26 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 16:18	01/16/26 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/26 16:18	01/16/26 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/15/26 16:18	01/16/26 11:26	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/15/26 16:18	01/16/26 11:26	1

Lab Sample ID: MB 880-129119/5-A  
 Matrix: Solid  
 Analysis Batch: 129108

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129119

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/16/26 09:39	01/16/26 22:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:39	01/16/26 22:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/26 09:39	01/16/26 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/16/26 09:39	01/16/26 22:22	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/16/26 09:39	01/16/26 22:22	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-129119/1-A  
 Matrix: Solid  
 Analysis Batch: 129108

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 129119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.08604		mg/Kg		86	70 - 130	
Toluene	0.100	0.08436		mg/Kg		84	70 - 130	
Ethylbenzene	0.100	0.08034		mg/Kg		80	70 - 130	
m,p-Xylenes	0.200	0.1747		mg/Kg		87	70 - 130	
o-Xylene	0.100	0.08715		mg/Kg		87	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-129119/2-A  
 Matrix: Solid  
 Analysis Batch: 129108

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 129119

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Benzene	0.100	0.08612		mg/Kg		86	70 - 130	0	35	
Toluene	0.100	0.08253		mg/Kg		83	70 - 130	2	35	
Ethylbenzene	0.100	0.07767		mg/Kg		78	70 - 130	3	35	
m,p-Xylenes	0.200	0.1696		mg/Kg		85	70 - 130	3	35	
o-Xylene	0.100	0.08601		mg/Kg		86	70 - 130	1	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-67078-1 MS  
 Matrix: Solid  
 Analysis Batch: 129108

Client Sample ID: T-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 129119

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U F1 F2	0.100	0.07096		mg/Kg		71	70 - 130	
Toluene	<0.00200	U F1	0.100	0.06835	F1	mg/Kg		68	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.06022	F1	mg/Kg		59	70 - 130	
m,p-Xylenes	<0.00399	U F1	0.200	0.1322	F1	mg/Kg		66	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.06506	F1	mg/Kg		65	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-67078-1 MSD  
 Matrix: Solid  
 Analysis Batch: 129108

Client Sample ID: T-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 129119

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
											RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.04761	F1 F2	mg/Kg		48	70 - 130	39	35	
Toluene	<0.00200	U F1	0.100	0.06265	F1	mg/Kg		63	70 - 130	9	35	
Ethylbenzene	<0.00200	U F1	0.100	0.06037	F1	mg/Kg		59	70 - 130	0	35	

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-67078-1 MSD

Client Sample ID: T-1 (0-1')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129108

Prep Batch: 129119

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
m,p-Xylenes	<0.00399	U F1	0.200	0.1069	F1	mg/Kg		53	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.100	0.06094	F1	mg/Kg		61	70 - 130	7	35
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	71		70 - 130								

Lab Sample ID: MB 880-129120/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129109

Prep Batch: 129120

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/16/26 09:48	01/17/26 00:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/26 09:48	01/17/26 00:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/26 09:48	01/17/26 00:13	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130				01/16/26 09:48	01/17/26 00:13	1
1,4-Difluorobenzene (Surr)	112		70 - 130				01/16/26 09:48	01/17/26 00:13	1

Lab Sample ID: LCS 880-129120/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129109

Prep Batch: 129120

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Added	Result				Qualifier
Benzene	0.100	0.09537		mg/Kg		95	70 - 130
Toluene	0.100	0.09977		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09255		mg/Kg		93	70 - 130
m,p-Xylenes	0.200	0.1968		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09572		mg/Kg		96	70 - 130
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				
4-Bromofluorobenzene (Surr)	95		70 - 130				
1,4-Difluorobenzene (Surr)	94		70 - 130				

Lab Sample ID: LCSD 880-129120/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129109

Prep Batch: 129120

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Added	Result				Qualifier		
Benzene	0.100	0.09546		mg/Kg		95	70 - 130	0	35
Toluene	0.100	0.09814		mg/Kg		98	70 - 130	2	35
Ethylbenzene	0.100	0.09110		mg/Kg		91	70 - 130	2	35
m,p-Xylenes	0.200	0.1866		mg/Kg		93	70 - 130	5	35
o-Xylene	0.100	0.1025		mg/Kg		102	70 - 130	7	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-67078-21 MS  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: T-3 (4')  
 Prep Type: Total/NA  
 Prep Batch: 129120

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	Limits
	Result	Qualifier		Result	Qualifier					
Benzene	<0.00200	U	0.100	0.09519		mg/Kg		95		70 - 130
Toluene	<0.00200	U	0.100	0.09225		mg/Kg		92		70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08682		mg/Kg		87		70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1760		mg/Kg		88		70 - 130
o-Xylene	<0.00200	U	0.100	0.09726		mg/Kg		97		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-67078-21 MSD  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: T-3 (4')  
 Prep Type: Total/NA  
 Prep Batch: 129120

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Benzene	<0.00200	U	0.100	0.08728		mg/Kg		87		70 - 130	9	35
Toluene	<0.00200	U	0.100	0.08517		mg/Kg		85		70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09268		mg/Kg		93		70 - 130	7	35
m,p-Xylenes	<0.00399	U	0.200	0.1979		mg/Kg		99		70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.09908		mg/Kg		99		70 - 130	2	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-129148/1-A  
 Matrix: Solid  
 Analysis Batch: 129234

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129148

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:55	01/19/26 15:51	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	143	S1+	70 - 130	01/16/26 10:55	01/19/26 15:51	1
o-Terphenyl (Surr)	148	S1+	70 - 130	01/16/26 10:55	01/19/26 15:51	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

**Lab Sample ID: LCS 880-129148/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129234**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129148**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	940.7		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130	
		<b>LCS</b>	<b>LCS</b>					
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>				<b>Limits</b>	
1-Chlorooctane (Surr)		125					70 - 130	
o-Terphenyl (Surr)		111					70 - 130	

**Lab Sample ID: LCSD 880-129148/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129234**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129148**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	955.1		mg/Kg		96	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130	4	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>				<b>Limits</b>			
1-Chlorooctane (Surr)		118					70 - 130			
o-Terphenyl (Surr)		111					70 - 130			

**Lab Sample ID: 880-67063-A-31-D MS**  
**Matrix: Solid**  
**Analysis Batch: 129234**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 129148**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	802.4		mg/Kg		80	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.2	U	999	916.9		mg/Kg		92	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>						<b>Limits</b>	
1-Chlorooctane (Surr)		119							70 - 130	
o-Terphenyl (Surr)		109							70 - 130	

**Lab Sample ID: 880-67063-A-31-E MSD**  
**Matrix: Solid**  
**Analysis Batch: 129234**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 129148**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
											RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	813.8		mg/Kg		81	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.2	U	999	901.2		mg/Kg		90	70 - 130	2	20	
		<b>MSD</b>	<b>MSD</b>									
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>						<b>Limits</b>			
1-Chlorooctane (Surr)		118							70 - 130			

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 880-67063-A-31-E MSD**  
**Matrix: Solid**  
**Analysis Batch: 129234**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 129148**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	107		70 - 130

**Lab Sample ID: MB 880-129149/1-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 129149**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/16/26 10:58	01/20/26 01:20	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	134	S1+	70 - 130	01/16/26 10:58	01/20/26 01:20	1
<i>o</i> -Terphenyl (Surr)	118		70 - 130	01/16/26 10:58	01/20/26 01:20	1

**Lab Sample ID: LCS 880-129149/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129149**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	863.1		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	829.1		mg/Kg		83	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	127		70 - 130
<i>o</i> -Terphenyl (Surr)	93		70 - 130

**Lab Sample ID: LCSD 880-129149/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129149**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	874.9		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	786.5		mg/Kg		79	70 - 130	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	123		70 - 130
<i>o</i> -Terphenyl (Surr)	90		70 - 130



### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCS 880-129168/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	95		70 - 130

**Lab Sample ID: LCSD 880-129168/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	948.6		mg/Kg		95	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	1000	925.6		mg/Kg		93	70 - 130	3		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	98		70 - 130

**Lab Sample ID: 880-67078-26 MS**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: T-3 (10')**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	915.4		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	872.8		mg/Kg		87	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	104		70 - 130

**Lab Sample ID: 880-67078-26 MSD**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: T-3 (10')**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	897.6		mg/Kg		90	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	803.9		mg/Kg		80	70 - 130	8		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	137	S1+	70 - 130
o-Terphenyl (Surr)	105		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129116/1-A  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/16/26 13:49	1

Lab Sample ID: LCS 880-129116/2-A  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-129116/3-A  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	232.6		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-67078-1 MS  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: T-1 (0-1')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8060	F1	2510	11030	F1	mg/Kg		119	90 - 110

Lab Sample ID: 880-67078-1 MSD  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: T-1 (0-1')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8060	F1	2510	11060	F1	mg/Kg		120	90 - 110	0	20

Lab Sample ID: 880-67078-11 MS  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: T-2 (5')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2780	F1	1250	4520	F1	mg/Kg		140	90 - 110

Lab Sample ID: 880-67078-11 MSD  
 Matrix: Solid  
 Analysis Batch: 129152

Client Sample ID: T-2 (5')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2780	F1	1250	4522	F1	mg/Kg		140	90 - 110	0	20

Lab Sample ID: MB 880-129118/1-A  
 Matrix: Solid  
 Analysis Batch: 129178

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/16/26 20:34	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-129118/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129178**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Soluble**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.2		mg/Kg		95	90 - 110

**Lab Sample ID: LCSD 880-129118/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129178**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Soluble**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.4		mg/Kg		94	90 - 110	1	20

**Lab Sample ID: 880-67078-28 MS**  
**Matrix: Solid**  
**Analysis Batch: 129178**

**Client Sample ID: T-4 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1410		252	1622	E 4	mg/Kg		82	90 - 110

**Lab Sample ID: 880-67078-28 MSD**  
**Matrix: Solid**  
**Analysis Batch: 129178**

**Client Sample ID: T-4 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1410		252	1620	E 4	mg/Kg		81	90 - 110	0	20

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### GC VOA

##### Prep Batch: 129028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129028/5-A	Method Blank	Total/NA	Solid	5035	

##### Prep Batch: 129081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129081/5-A	Method Blank	Total/NA	Solid	5035	

##### Analysis Batch: 129108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Total/NA	Solid	8021B	129119
880-67078-2	T-1 (1.5')	Total/NA	Solid	8021B	129119
880-67078-3	T-1 (2')	Total/NA	Solid	8021B	129119
880-67078-4	T-1 (3')	Total/NA	Solid	8021B	129119
880-67078-5	T-1 (4')	Total/NA	Solid	8021B	129119
880-67078-6	T-2 (0-1')	Total/NA	Solid	8021B	129119
880-67078-7	T-2 (1.5')	Total/NA	Solid	8021B	129119
880-67078-8	T-2 (2')	Total/NA	Solid	8021B	129119
880-67078-9	T-2 (3')	Total/NA	Solid	8021B	129119
880-67078-10	T-2 (4')	Total/NA	Solid	8021B	129119
880-67078-11	T-2 (5')	Total/NA	Solid	8021B	129119
880-67078-12	T-2 (6')	Total/NA	Solid	8021B	129119
880-67078-13	T-2 (7')	Total/NA	Solid	8021B	129119
880-67078-14	T-2 (8')	Total/NA	Solid	8021B	129119
880-67078-15	T-2 (10')	Total/NA	Solid	8021B	129119
880-67078-16	T-2 (12')	Total/NA	Solid	8021B	129119
880-67078-17	T-3 (0-1')	Total/NA	Solid	8021B	129119
880-67078-18	T-3 (1.5')	Total/NA	Solid	8021B	129119
880-67078-19	T-3 (2')	Total/NA	Solid	8021B	129119
880-67078-20	T-3 (3')	Total/NA	Solid	8021B	129119
MB 880-129081/5-A	Method Blank	Total/NA	Solid	8021B	129081
MB 880-129119/5-A	Method Blank	Total/NA	Solid	8021B	129119
LCS 880-129119/1-A	Lab Control Sample	Total/NA	Solid	8021B	129119
LCSD 880-129119/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129119
880-67078-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	129119
880-67078-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	129119

##### Analysis Batch: 129109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-21	T-3 (4')	Total/NA	Solid	8021B	129120
880-67078-22	T-3 (5')	Total/NA	Solid	8021B	129120
880-67078-23	T-3 (6')	Total/NA	Solid	8021B	129120
880-67078-24	T-3 (7')	Total/NA	Solid	8021B	129120
880-67078-25	T-3 (8')	Total/NA	Solid	8021B	129120
880-67078-26	T-3 (10')	Total/NA	Solid	8021B	129120
880-67078-27	T-3 (12')	Total/NA	Solid	8021B	129120
880-67078-28	T-4 (0-1')	Total/NA	Solid	8021B	129120
880-67078-29	T-4 (1.5')	Total/NA	Solid	8021B	129120
880-67078-30	T-4 (2')	Total/NA	Solid	8021B	129120
880-67078-31	T-4 (3')	Total/NA	Solid	8021B	129120
880-67078-32	T-4 (4')	Total/NA	Solid	8021B	129120
880-67078-33	T-5 (0-1')	Total/NA	Solid	8021B	129120
880-67078-34	T-5 (1.5')	Total/NA	Solid	8021B	129120

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### GC VOA (Continued)

##### Analysis Batch: 129109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-35	T-5 (2')	Total/NA	Solid	8021B	129120
880-67078-36	T-5 (3')	Total/NA	Solid	8021B	129120
880-67078-37	T-5 (4')	Total/NA	Solid	8021B	129120
MB 880-129028/5-A	Method Blank	Total/NA	Solid	8021B	129028
MB 880-129120/5-A	Method Blank	Total/NA	Solid	8021B	129120
LCS 880-129120/1-A	Lab Control Sample	Total/NA	Solid	8021B	129120
LCSD 880-129120/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129120
880-67078-21 MS	T-3 (4')	Total/NA	Solid	8021B	129120
880-67078-21 MSD	T-3 (4')	Total/NA	Solid	8021B	129120

##### Prep Batch: 129119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Total/NA	Solid	5035	
880-67078-2	T-1 (1.5')	Total/NA	Solid	5035	
880-67078-3	T-1 (2')	Total/NA	Solid	5035	
880-67078-4	T-1 (3')	Total/NA	Solid	5035	
880-67078-5	T-1 (4')	Total/NA	Solid	5035	
880-67078-6	T-2 (0-1')	Total/NA	Solid	5035	
880-67078-7	T-2 (1.5')	Total/NA	Solid	5035	
880-67078-8	T-2 (2')	Total/NA	Solid	5035	
880-67078-9	T-2 (3')	Total/NA	Solid	5035	
880-67078-10	T-2 (4')	Total/NA	Solid	5035	
880-67078-11	T-2 (5')	Total/NA	Solid	5035	
880-67078-12	T-2 (6')	Total/NA	Solid	5035	
880-67078-13	T-2 (7')	Total/NA	Solid	5035	
880-67078-14	T-2 (8')	Total/NA	Solid	5035	
880-67078-15	T-2 (10')	Total/NA	Solid	5035	
880-67078-16	T-2 (12')	Total/NA	Solid	5035	
880-67078-17	T-3 (0-1')	Total/NA	Solid	5035	
880-67078-18	T-3 (1.5')	Total/NA	Solid	5035	
880-67078-19	T-3 (2')	Total/NA	Solid	5035	
880-67078-20	T-3 (3')	Total/NA	Solid	5035	
MB 880-129119/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129119/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129119/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67078-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-67078-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

##### Prep Batch: 129120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-21	T-3 (4')	Total/NA	Solid	5035	
880-67078-22	T-3 (5')	Total/NA	Solid	5035	
880-67078-23	T-3 (6')	Total/NA	Solid	5035	
880-67078-24	T-3 (7')	Total/NA	Solid	5035	
880-67078-25	T-3 (8')	Total/NA	Solid	5035	
880-67078-26	T-3 (10')	Total/NA	Solid	5035	
880-67078-27	T-3 (12')	Total/NA	Solid	5035	
880-67078-28	T-4 (0-1')	Total/NA	Solid	5035	
880-67078-29	T-4 (1.5')	Total/NA	Solid	5035	
880-67078-30	T-4 (2')	Total/NA	Solid	5035	
880-67078-31	T-4 (3')	Total/NA	Solid	5035	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### GC VOA (Continued)

##### Prep Batch: 129120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-32	T-4 (4')	Total/NA	Solid	5035	
880-67078-33	T-5 (0-1')	Total/NA	Solid	5035	
880-67078-34	T-5 (1.5')	Total/NA	Solid	5035	
880-67078-35	T-5 (2')	Total/NA	Solid	5035	
880-67078-36	T-5 (3')	Total/NA	Solid	5035	
880-67078-37	T-5 (4')	Total/NA	Solid	5035	
MB 880-129120/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129120/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129120/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67078-21 MS	T-3 (4')	Total/NA	Solid	5035	
880-67078-21 MSD	T-3 (4')	Total/NA	Solid	5035	

##### Analysis Batch: 129328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-67078-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-67078-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-67078-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-67078-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-67078-6	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-67078-7	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-67078-8	T-2 (2')	Total/NA	Solid	Total BTEX	
880-67078-9	T-2 (3')	Total/NA	Solid	Total BTEX	
880-67078-10	T-2 (4')	Total/NA	Solid	Total BTEX	
880-67078-11	T-2 (5')	Total/NA	Solid	Total BTEX	
880-67078-12	T-2 (6')	Total/NA	Solid	Total BTEX	
880-67078-13	T-2 (7')	Total/NA	Solid	Total BTEX	
880-67078-14	T-2 (8')	Total/NA	Solid	Total BTEX	
880-67078-15	T-2 (10')	Total/NA	Solid	Total BTEX	
880-67078-16	T-2 (12')	Total/NA	Solid	Total BTEX	
880-67078-17	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-67078-18	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-67078-19	T-3 (2')	Total/NA	Solid	Total BTEX	
880-67078-20	T-3 (3')	Total/NA	Solid	Total BTEX	
880-67078-21	T-3 (4')	Total/NA	Solid	Total BTEX	
880-67078-22	T-3 (5')	Total/NA	Solid	Total BTEX	
880-67078-23	T-3 (6')	Total/NA	Solid	Total BTEX	
880-67078-24	T-3 (7')	Total/NA	Solid	Total BTEX	
880-67078-25	T-3 (8')	Total/NA	Solid	Total BTEX	
880-67078-26	T-3 (10')	Total/NA	Solid	Total BTEX	
880-67078-27	T-3 (12')	Total/NA	Solid	Total BTEX	
880-67078-28	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-67078-29	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-67078-30	T-4 (2')	Total/NA	Solid	Total BTEX	
880-67078-31	T-4 (3')	Total/NA	Solid	Total BTEX	
880-67078-32	T-4 (4')	Total/NA	Solid	Total BTEX	
880-67078-33	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-67078-34	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-67078-35	T-5 (2')	Total/NA	Solid	Total BTEX	
880-67078-36	T-5 (3')	Total/NA	Solid	Total BTEX	
880-67078-37	T-5 (4')	Total/NA	Solid	Total BTEX	

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### GC Semi VOA

##### Prep Batch: 129148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-67078-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-67078-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-67078-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-67078-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
MB 880-129148/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129148/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129148/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67063-A-31-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67063-A-31-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 129149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-6	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-67078-7	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-67078-8	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-67078-9	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-67078-10	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-67078-11	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-67078-12	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-67078-13	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-67078-14	T-2 (8')	Total/NA	Solid	8015NM Prep	
880-67078-15	T-2 (10')	Total/NA	Solid	8015NM Prep	
880-67078-16	T-2 (12')	Total/NA	Solid	8015NM Prep	
880-67078-17	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-67078-18	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-67078-19	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-67078-20	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-67078-21	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-67078-22	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-67078-23	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-67078-24	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-67078-25	T-3 (8')	Total/NA	Solid	8015NM Prep	
MB 880-129149/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129149/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129149/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67078-6 MS	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-67078-6 MSD	T-2 (0-1')	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 129168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-26	T-3 (10')	Total/NA	Solid	8015NM Prep	
880-67078-27	T-3 (12')	Total/NA	Solid	8015NM Prep	
880-67078-28	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-67078-29	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-67078-30	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-67078-31	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-67078-32	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-67078-33	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-67078-34	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-67078-35	T-5 (2')	Total/NA	Solid	8015NM Prep	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### GC Semi VOA (Continued)

##### Prep Batch: 129168 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-36	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-67078-37	T-5 (4')	Total/NA	Solid	8015NM Prep	
MB 880-129168/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129168/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67078-26 MS	T-3 (10')	Total/NA	Solid	8015NM Prep	
880-67078-26 MSD	T-3 (10')	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 129234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Total/NA	Solid	8015B NM	129148
880-67078-2	T-1 (1.5')	Total/NA	Solid	8015B NM	129148
880-67078-3	T-1 (2')	Total/NA	Solid	8015B NM	129148
880-67078-4	T-1 (3')	Total/NA	Solid	8015B NM	129148
880-67078-5	T-1 (4')	Total/NA	Solid	8015B NM	129148
MB 880-129148/1-A	Method Blank	Total/NA	Solid	8015B NM	129148
LCS 880-129148/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129148
LCSD 880-129148/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129148
880-67063-A-31-D MS	Matrix Spike	Total/NA	Solid	8015B NM	129148
880-67063-A-31-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129148

##### Analysis Batch: 129257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-6	T-2 (0-1')	Total/NA	Solid	8015B NM	129149
880-67078-7	T-2 (1.5')	Total/NA	Solid	8015B NM	129149
880-67078-8	T-2 (2')	Total/NA	Solid	8015B NM	129149
880-67078-9	T-2 (3')	Total/NA	Solid	8015B NM	129149
880-67078-10	T-2 (4')	Total/NA	Solid	8015B NM	129149
880-67078-11	T-2 (5')	Total/NA	Solid	8015B NM	129149
880-67078-12	T-2 (6')	Total/NA	Solid	8015B NM	129149
880-67078-13	T-2 (7')	Total/NA	Solid	8015B NM	129149
880-67078-14	T-2 (8')	Total/NA	Solid	8015B NM	129149
880-67078-15	T-2 (10')	Total/NA	Solid	8015B NM	129149
880-67078-16	T-2 (12')	Total/NA	Solid	8015B NM	129149
880-67078-17	T-3 (0-1')	Total/NA	Solid	8015B NM	129149
880-67078-18	T-3 (1.5')	Total/NA	Solid	8015B NM	129149
880-67078-19	T-3 (2')	Total/NA	Solid	8015B NM	129149
880-67078-20	T-3 (3')	Total/NA	Solid	8015B NM	129149
880-67078-21	T-3 (4')	Total/NA	Solid	8015B NM	129149
880-67078-22	T-3 (5')	Total/NA	Solid	8015B NM	129149
880-67078-23	T-3 (6')	Total/NA	Solid	8015B NM	129149
880-67078-24	T-3 (7')	Total/NA	Solid	8015B NM	129149
880-67078-25	T-3 (8')	Total/NA	Solid	8015B NM	129149
880-67078-26	T-3 (10')	Total/NA	Solid	8015B NM	129168
880-67078-27	T-3 (12')	Total/NA	Solid	8015B NM	129168
880-67078-28	T-4 (0-1')	Total/NA	Solid	8015B NM	129168
880-67078-29	T-4 (1.5')	Total/NA	Solid	8015B NM	129168
880-67078-30	T-4 (2')	Total/NA	Solid	8015B NM	129168
880-67078-31	T-4 (3')	Total/NA	Solid	8015B NM	129168
880-67078-32	T-4 (4')	Total/NA	Solid	8015B NM	129168
880-67078-33	T-5 (0-1')	Total/NA	Solid	8015B NM	129168

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### GC Semi VOA (Continued)

##### Analysis Batch: 129257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-34	T-5 (1.5')	Total/NA	Solid	8015B NM	129168
880-67078-35	T-5 (2')	Total/NA	Solid	8015B NM	129168
880-67078-36	T-5 (3')	Total/NA	Solid	8015B NM	129168
880-67078-37	T-5 (4')	Total/NA	Solid	8015B NM	129168
MB 880-129149/1-A	Method Blank	Total/NA	Solid	8015B NM	129149
MB 880-129168/1-A	Method Blank	Total/NA	Solid	8015B NM	129168
LCS 880-129149/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129149
LCS 880-129168/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129168
LCSD 880-129149/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129149
LCSD 880-129168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129168
880-67078-6 MS	T-2 (0-1')	Total/NA	Solid	8015B NM	129149
880-67078-6 MSD	T-2 (0-1')	Total/NA	Solid	8015B NM	129149
880-67078-26 MS	T-3 (10')	Total/NA	Solid	8015B NM	129168
880-67078-26 MSD	T-3 (10')	Total/NA	Solid	8015B NM	129168

##### Analysis Batch: 129441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-67078-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-67078-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-67078-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-67078-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-67078-6	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-67078-7	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-67078-8	T-2 (2')	Total/NA	Solid	8015 NM	
880-67078-9	T-2 (3')	Total/NA	Solid	8015 NM	
880-67078-10	T-2 (4')	Total/NA	Solid	8015 NM	
880-67078-11	T-2 (5')	Total/NA	Solid	8015 NM	
880-67078-12	T-2 (6')	Total/NA	Solid	8015 NM	
880-67078-13	T-2 (7')	Total/NA	Solid	8015 NM	
880-67078-14	T-2 (8')	Total/NA	Solid	8015 NM	
880-67078-15	T-2 (10')	Total/NA	Solid	8015 NM	
880-67078-16	T-2 (12')	Total/NA	Solid	8015 NM	
880-67078-17	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-67078-18	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-67078-19	T-3 (2')	Total/NA	Solid	8015 NM	
880-67078-20	T-3 (3')	Total/NA	Solid	8015 NM	
880-67078-21	T-3 (4')	Total/NA	Solid	8015 NM	
880-67078-22	T-3 (5')	Total/NA	Solid	8015 NM	
880-67078-23	T-3 (6')	Total/NA	Solid	8015 NM	
880-67078-24	T-3 (7')	Total/NA	Solid	8015 NM	
880-67078-25	T-3 (8')	Total/NA	Solid	8015 NM	
880-67078-26	T-3 (10')	Total/NA	Solid	8015 NM	
880-67078-27	T-3 (12')	Total/NA	Solid	8015 NM	
880-67078-28	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-67078-29	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-67078-30	T-4 (2')	Total/NA	Solid	8015 NM	
880-67078-31	T-4 (3')	Total/NA	Solid	8015 NM	
880-67078-32	T-4 (4')	Total/NA	Solid	8015 NM	
880-67078-33	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-67078-34	T-5 (1.5')	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 129441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-35	T-5 (2')	Total/NA	Solid	8015 NM	
880-67078-36	T-5 (3')	Total/NA	Solid	8015 NM	
880-67078-37	T-5 (4')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 129116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-67078-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-67078-3	T-1 (2')	Soluble	Solid	DI Leach	
880-67078-4	T-1 (3')	Soluble	Solid	DI Leach	
880-67078-5	T-1 (4')	Soluble	Solid	DI Leach	
880-67078-6	T-2 (0-1')	Soluble	Solid	DI Leach	
880-67078-7	T-2 (1.5')	Soluble	Solid	DI Leach	
880-67078-8	T-2 (2')	Soluble	Solid	DI Leach	
880-67078-9	T-2 (3')	Soluble	Solid	DI Leach	
880-67078-10	T-2 (4')	Soluble	Solid	DI Leach	
880-67078-11	T-2 (5')	Soluble	Solid	DI Leach	
880-67078-12	T-2 (6')	Soluble	Solid	DI Leach	
880-67078-13	T-2 (7')	Soluble	Solid	DI Leach	
880-67078-14	T-2 (8')	Soluble	Solid	DI Leach	
880-67078-15	T-2 (10')	Soluble	Solid	DI Leach	
880-67078-16	T-2 (12')	Soluble	Solid	DI Leach	
880-67078-17	T-3 (0-1')	Soluble	Solid	DI Leach	
880-67078-18	T-3 (1.5')	Soluble	Solid	DI Leach	
880-67078-19	T-3 (2')	Soluble	Solid	DI Leach	
880-67078-20	T-3 (3')	Soluble	Solid	DI Leach	
MB 880-129116/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129116/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-129116/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67078-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-67078-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-67078-11 MS	T-2 (5')	Soluble	Solid	DI Leach	
880-67078-11 MSD	T-2 (5')	Soluble	Solid	DI Leach	

## Leach Batch: 129118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-21	T-3 (4')	Soluble	Solid	DI Leach	
880-67078-22	T-3 (5')	Soluble	Solid	DI Leach	
880-67078-23	T-3 (6')	Soluble	Solid	DI Leach	
880-67078-24	T-3 (7')	Soluble	Solid	DI Leach	
880-67078-25	T-3 (8')	Soluble	Solid	DI Leach	
880-67078-26	T-3 (10')	Soluble	Solid	DI Leach	
880-67078-27	T-3 (12')	Soluble	Solid	DI Leach	
880-67078-28	T-4 (0-1')	Soluble	Solid	DI Leach	
880-67078-29	T-4 (1.5')	Soluble	Solid	DI Leach	
880-67078-30	T-4 (2')	Soluble	Solid	DI Leach	
880-67078-31	T-4 (3')	Soluble	Solid	DI Leach	
880-67078-32	T-4 (4')	Soluble	Solid	DI Leach	
880-67078-33	T-5 (0-1')	Soluble	Solid	DI Leach	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

## HPLC/IC (Continued)

## Leach Batch: 129118 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-34	T-5 (1.5')	Soluble	Solid	DI Leach	
880-67078-35	T-5 (2')	Soluble	Solid	DI Leach	
880-67078-36	T-5 (3')	Soluble	Solid	DI Leach	
880-67078-37	T-5 (4')	Soluble	Solid	DI Leach	
MB 880-129118/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129118/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129118/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67078-28 MS	T-4 (0-1')	Soluble	Solid	DI Leach	
880-67078-28 MSD	T-4 (0-1')	Soluble	Solid	DI Leach	

## Analysis Batch: 129152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-1	T-1 (0-1')	Soluble	Solid	300.0	129116
880-67078-2	T-1 (1.5')	Soluble	Solid	300.0	129116
880-67078-3	T-1 (2')	Soluble	Solid	300.0	129116
880-67078-4	T-1 (3')	Soluble	Solid	300.0	129116
880-67078-5	T-1 (4')	Soluble	Solid	300.0	129116
880-67078-6	T-2 (0-1')	Soluble	Solid	300.0	129116
880-67078-7	T-2 (1.5')	Soluble	Solid	300.0	129116
880-67078-8	T-2 (2')	Soluble	Solid	300.0	129116
880-67078-9	T-2 (3')	Soluble	Solid	300.0	129116
880-67078-10	T-2 (4')	Soluble	Solid	300.0	129116
880-67078-11	T-2 (5')	Soluble	Solid	300.0	129116
880-67078-12	T-2 (6')	Soluble	Solid	300.0	129116
880-67078-13	T-2 (7')	Soluble	Solid	300.0	129116
880-67078-14	T-2 (8')	Soluble	Solid	300.0	129116
880-67078-15	T-2 (10')	Soluble	Solid	300.0	129116
880-67078-16	T-2 (12')	Soluble	Solid	300.0	129116
880-67078-17	T-3 (0-1')	Soluble	Solid	300.0	129116
880-67078-18	T-3 (1.5')	Soluble	Solid	300.0	129116
880-67078-19	T-3 (2')	Soluble	Solid	300.0	129116
880-67078-20	T-3 (3')	Soluble	Solid	300.0	129116
MB 880-129116/1-A	Method Blank	Soluble	Solid	300.0	129116
LCS 880-129116/2-A	Lab Control Sample	Soluble	Solid	300.0	129116
LCSD 880-129116/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129116
880-67078-1 MS	T-1 (0-1')	Soluble	Solid	300.0	129116
880-67078-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	129116
880-67078-11 MS	T-2 (5')	Soluble	Solid	300.0	129116
880-67078-11 MSD	T-2 (5')	Soluble	Solid	300.0	129116

## Analysis Batch: 129178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-21	T-3 (4')	Soluble	Solid	300.0	129118
880-67078-22	T-3 (5')	Soluble	Solid	300.0	129118
880-67078-23	T-3 (6')	Soluble	Solid	300.0	129118
880-67078-24	T-3 (7')	Soluble	Solid	300.0	129118
880-67078-25	T-3 (8')	Soluble	Solid	300.0	129118
880-67078-26	T-3 (10')	Soluble	Solid	300.0	129118
880-67078-27	T-3 (12')	Soluble	Solid	300.0	129118
880-67078-28	T-4 (0-1')	Soluble	Solid	300.0	129118
880-67078-29	T-4 (1.5')	Soluble	Solid	300.0	129118

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

#### HPLC/IC (Continued)

#### Analysis Batch: 129178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67078-30	T-4 (2')	Soluble	Solid	300.0	129118
880-67078-31	T-4 (3')	Soluble	Solid	300.0	129118
880-67078-32	T-4 (4')	Soluble	Solid	300.0	129118
880-67078-33	T-5 (0-1')	Soluble	Solid	300.0	129118
880-67078-34	T-5 (1.5')	Soluble	Solid	300.0	129118
880-67078-35	T-5 (2')	Soluble	Solid	300.0	129118
880-67078-36	T-5 (3')	Soluble	Solid	300.0	129118
880-67078-37	T-5 (4')	Soluble	Solid	300.0	129118
MB 880-129118/1-A	Method Blank	Soluble	Solid	300.0	129118
LCS 880-129118/2-A	Lab Control Sample	Soluble	Solid	300.0	129118
LCSD 880-129118/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129118
880-67078-28 MS	T-4 (0-1')	Soluble	Solid	300.0	129118
880-67078-28 MSD	T-4 (0-1')	Soluble	Solid	300.0	129118

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- 14

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-1 (0-1')**

**Lab Sample ID: 880-67078-1**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/16/26 22:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/16/26 22:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 20:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129148	01/16/26 10:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129234	01/19/26 20:58	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 14:03	CS	EET MID

**Client Sample ID: T-1 (1.5')**

**Lab Sample ID: 880-67078-2**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/16/26 23:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/16/26 23:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129148	01/16/26 10:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129234	01/19/26 21:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 14:18	CS	EET MID

**Client Sample ID: T-1 (2')**

**Lab Sample ID: 880-67078-3**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/16/26 23:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/16/26 23:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129148	01/16/26 10:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129234	01/19/26 21:27	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		1			129152	01/16/26 14:23	CS	EET MID

**Client Sample ID: T-1 (3')**

**Lab Sample ID: 880-67078-4**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/16/26 23:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/16/26 23:45	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-1 (3')**

**Lab Sample ID: 880-67078-4**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129148	01/16/26 10:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129234	01/19/26 21:42	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		1			129152	01/16/26 14:28	CS	EET MID

**Client Sample ID: T-1 (4')**

**Lab Sample ID: 880-67078-5**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 00:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 00:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129148	01/16/26 10:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129234	01/19/26 21:55	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		1			129152	01/16/26 14:33	CS	EET MID

**Client Sample ID: T-2 (0-1')**

**Lab Sample ID: 880-67078-6**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 00:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 00:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 02:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 02:05	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		5			129152	01/16/26 14:48	CS	EET MID

**Client Sample ID: T-2 (1.5')**

**Lab Sample ID: 880-67078-7**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 00:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 00:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 02:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 02:49	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (1.5')**

**Lab Sample ID: 880-67078-7**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 14:53	CS	EET MID

**Client Sample ID: T-2 (2')**

**Lab Sample ID: 880-67078-8**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 01:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 01:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 03:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 03:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 14:58	CS	EET MID

**Client Sample ID: T-2 (3')**

**Lab Sample ID: 880-67078-9**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 01:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 03:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 03:19	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		5			129152	01/16/26 15:03	CS	EET MID

**Client Sample ID: T-2 (4')**

**Lab Sample ID: 880-67078-10**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 01:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 01:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 03:34	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 15:08	CS	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (5')**

**Lab Sample ID: 880-67078-11**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 03:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 03:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 03:49	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		5			129152	01/16/26 15:13	CS	EET MID

**Client Sample ID: T-2 (6')**

**Lab Sample ID: 880-67078-12**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 03:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 04:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 04:03	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		20			129152	01/16/26 15:27	CS	EET MID

**Client Sample ID: T-2 (7')**

**Lab Sample ID: 880-67078-13**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 04:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 04:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 04:19	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		1			129152	01/16/26 15:32	CS	EET MID

**Client Sample ID: T-2 (8')**

**Lab Sample ID: 880-67078-14**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 04:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 04:23	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-2 (8')**

**Lab Sample ID: 880-67078-14**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129441	01/20/26 04:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 04:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		5			129152	01/16/26 15:47	CS	EET MID

**Client Sample ID: T-2 (10')**

**Lab Sample ID: 880-67078-15**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 04:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 04:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 04:48	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		5			129152	01/16/26 15:52	CS	EET MID

**Client Sample ID: T-2 (12')**

**Lab Sample ID: 880-67078-16**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 05:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 05:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 05:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 05:18	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		1			129152	01/16/26 15:57	CS	EET MID

**Client Sample ID: T-3 (0-1')**

**Lab Sample ID: 880-67078-17**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 05:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 05:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 05:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 05:33	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (0-1')**

**Lab Sample ID: 880-67078-17**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 16:02	CS	EET MID

**Client Sample ID: T-3 (1.5')**

**Lab Sample ID: 880-67078-18**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 05:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 05:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 05:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 05:48	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 16:07	CS	EET MID

**Client Sample ID: T-3 (2')**

**Lab Sample ID: 880-67078-19**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 06:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 06:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 06:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 06:03	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 16:12	CS	EET MID

**Client Sample ID: T-3 (3')**

**Lab Sample ID: 880-67078-20**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129119	01/16/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129108	01/17/26 06:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 06:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 06:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 06:18	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129116	01/16/26 09:22	SI	EET MID
Soluble	Analysis	300.0		10			129152	01/16/26 16:17	CS	EET MID

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (4')**

**Lab Sample ID: 880-67078-21**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 00:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 06:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 06:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		10			129178	01/16/26 21:13	CS	EET MID

**Client Sample ID: T-3 (5')**

**Lab Sample ID: 880-67078-22**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 01:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 06:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 06:47	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		10			129178	01/16/26 21:18	CS	EET MID

**Client Sample ID: T-3 (6')**

**Lab Sample ID: 880-67078-23**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 01:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 07:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 07:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		10			129178	01/16/26 21:33	CS	EET MID

**Client Sample ID: T-3 (7')**

**Lab Sample ID: 880-67078-24**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 01:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 01:43	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (7')**

**Lab Sample ID: 880-67078-24**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129441	01/20/26 07:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 07:18	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 21:38	CS	EET MID

**Client Sample ID: T-3 (8')**

**Lab Sample ID: 880-67078-25**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 02:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 02:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/20/26 07:32	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129149	01/16/26 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 07:32	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		20			129178	01/16/26 21:43	CS	EET MID

**Client Sample ID: T-3 (10')**

**Lab Sample ID: 880-67078-26**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 02:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 02:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 19:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 19:21	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 21:48	CS	EET MID

**Client Sample ID: T-3 (12')**

**Lab Sample ID: 880-67078-27**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 02:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 02:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 20:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 20:06	FC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-3 (12')**

**Lab Sample ID: 880-67078-27**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 21:52	CS	EET MID

**Client Sample ID: T-4 (0-1')**

**Lab Sample ID: 880-67078-28**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 03:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 20:21	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 21:57	CS	EET MID

**Client Sample ID: T-4 (1.5')**

**Lab Sample ID: 880-67078-29**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 03:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 03:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 20:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 20:36	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 22:12	CS	EET MID

**Client Sample ID: T-4 (2')**

**Lab Sample ID: 880-67078-30**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 03:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 20:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 20:52	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 22:17	CS	EET MID

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-4 (3')**

**Lab Sample ID: 880-67078-31**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 05:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 05:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 21:06	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 22:32	CS	EET MID

**Client Sample ID: T-4 (4')**

**Lab Sample ID: 880-67078-32**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 05:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 05:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 21:21	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 22:37	CS	EET MID

**Client Sample ID: T-5 (0-1')**

**Lab Sample ID: 880-67078-33**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 06:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 06:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 21:36	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		10			129178	01/16/26 22:42	CS	EET MID

**Client Sample ID: T-5 (1.5')**

**Lab Sample ID: 880-67078-34**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 06:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 06:38	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: T-5 (1.5')**

**Lab Sample ID: 880-67078-34**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129441	01/19/26 21:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 21:51	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 22:47	CS	EET MID

**Client Sample ID: T-5 (2')**

**Lab Sample ID: 880-67078-35**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 06:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 06:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 22:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 22:06	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		5			129178	01/16/26 22:52	CS	EET MID

**Client Sample ID: T-5 (3')**

**Lab Sample ID: 880-67078-36**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 07:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 07:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 22:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 22:57	CS	EET MID

**Client Sample ID: T-5 (4')**

**Lab Sample ID: 880-67078-37**

Date Collected: 01/13/26 00:00

Matrix: Solid

Date Received: 01/15/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	129120	01/16/26 09:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/17/26 07:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129328	01/17/26 07:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			129441	01/19/26 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 22:51	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
SDG: Eddy County, New Mexico

**Client Sample ID: T-5 (4')**  
**Date Collected: 01/13/26 00:00**  
**Date Received: 01/15/26 17:00**

**Lab Sample ID: 880-67078-37**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	129118	01/16/26 09:25	SI	EET MID
Soluble	Analysis	300.0		1			129178	01/16/26 23:02	CS	EET MID

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
SDG: Eddy County, New Mexico

#### Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date												
Texas	NELAP	T104704400	06-30-26												
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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### Method Summary

Client: Carmona Resources  
Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



### Sample Summary

Client: Carmona Resources  
 Project/Site: Bish Pond Water Transfer Line (012.21.2025)

Job ID: 880-67078-1  
 SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67078-1	T-1 (0-1')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-2	T-1 (1.5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-3	T-1 (2')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-4	T-1 (3')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-5	T-1 (4')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-6	T-2 (0-1')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-7	T-2 (1.5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-8	T-2 (2')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-9	T-2 (3')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-10	T-2 (4')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-11	T-2 (5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-12	T-2 (6')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-13	T-2 (7')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-14	T-2 (8')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-15	T-2 (10')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-16	T-2 (12')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-17	T-3 (0-1')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-18	T-3 (1.5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-19	T-3 (2')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-20	T-3 (3')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-21	T-3 (4')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-22	T-3 (5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-23	T-3 (6')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-24	T-3 (7')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-25	T-3 (8')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-26	T-3 (10')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-27	T-3 (12')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-28	T-4 (0-1')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-29	T-4 (1.5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-30	T-4 (2')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-31	T-4 (3')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-32	T-4 (4')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-33	T-5 (0-1')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-34	T-5 (1.5')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-35	T-5 (2')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-36	T-5 (3')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico
880-67078-37	T-5 (4')	Solid	01/13/26 00:00	01/15/26 17:00	New Mexico

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Chain of Custody

Work Order No: \_\_\_\_\_

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Project Manager: Conner Moehring  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-6823  
 Email: mcarmona@carmonaresources.com

Bill to: (if different) Carmona Resources  
 Company Name:  
 Address:  
 City, State ZIP:  
 Email: mcarmona@carmonaresources.com

Program: UST/PST PRP Brownfields RRC Superfund   
 State of Project:  
 Reporting: Level II  Level III  ST/UST  RRP  Level IV   
 Deliverables: EDD  ADAPT  Other:

Project Name:	Turn Around		Pres. Code	ANALYSIS REQUEST		Preservative Codes
	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		Parameters	# of Cont	
Project Number: 3093	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush				None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCl: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP 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
Project Location: Eddy County, New Mexico	Due Date:	STANDARD				
Sampler's Name: FV						
PO #:						
<b>SAMPLE RECEIPT</b>	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:			
Total Containers:						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	
T-2 (5')	1/13/2026		X		G 1	
T-2 (6')	1/13/2026		X		G 1	
T-2 (7')	1/13/2026		X		G 1	
T-2 (8')	1/13/2026		X		G 1	
T-2 (10')	1/13/2026		X		G 1	
T-2 (12')	1/13/2026		X		G 1	
T-3 (0-1')	1/13/2026		X		G 1	
T-3 (1.5')	1/13/2026		X		G 1	
T-3 (2')	1/13/2026		X		G 1	
T-3 (3')	1/13/2026		X		G 1	
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com						

Work Order Comments:  PRP  Brownfields  RRC  Superfund   
 State of Project:  
 Reporting: Level II  Level III  ST/UST  RRP  Level IV   
 Deliverables: EDD  ADAPT  Other:

Relinquished by: (Signature) \_\_\_\_\_ Date/Time: 1/15/2026  
 Received by: (Signature) \_\_\_\_\_ Date/Time: 1-15-26 1000



Chain of Custody

Work Order No: \_\_\_\_\_

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Project Manager: Conner Moehring  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-6823  
 Email: mcarmona@carmonaresources.com

Bill to: (if different)  
 Company Name:  
 Address:  
 City, State ZIP:  
 Email: mcarmona@carmonaresources.com

Work Order Comments  
 Program: UST/PST PRP Brownfields RRC Superfund  
 State of Project:  
 Reporting Level II  Level III PST/UST RRP  Level IV   
 Deliverables: EDD  ADAPT  Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code	ANALYSIS REQUEST	Preservative Codes
							Temp Blank	Wet Ice			
T-3 (4')	1/13/2026		X		G	1					None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP 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
T-3 (5')	1/13/2026		X		G	1					
T-3 (6')	1/13/2026		X		G	1					
T-3 (7')	1/13/2026		X		G	1					
T-3 (8')	1/13/2026		X		G	1					
T-3 (10')	1/13/2026		X		G	1					
T-3 (12')	1/13/2026		X		G	1					
T-4 (0-1')	1/13/2026		X		G	1					
T-4 (1.5')	1/13/2026		X		G	1					
T-4 (2')	1/13/2026		X		G	1					

Project Name: Bish Pond Water Transfer Line (12.21.2025)  
 Project Number: 3083  
 Project Location: Eddy County, New Mexico  
 Sampler's Name: FV  
 PO #: \_\_\_\_\_  
 Turn Around:  Routine  Rush  
 Due Date: STANDARD  
 Temp Blank: Yes  No   
 Thermometer ID: \_\_\_\_\_  
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Temperature Reading: \_\_\_\_\_  
 Corrected Temperature: \_\_\_\_\_

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com


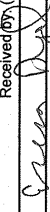
Relinquished by: (Signature) *Conner Moehring*  
 Date/Time: 1/15/2026  
 Received by: (Signature) *Erica Dyer*  
 Date/Time: 1-15-26 1700



Chain of Custody

Work Order No: \_\_\_\_\_

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Project Manager: Conner Moehring Company Name: Carmona Resources Address: 310 W Wall St Ste 500 City, State ZIP: Midland, TX 79701 Phone: 432-813-6823 Email: mcarmona@carmonaresources.com	Bill to: (if different) Company Name: Address: City, State ZIP: Email:	Carmona Resources STANDARD Turn Around B Routine - D Rush Due Date: FV	ANALYSIS REQUEST None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>2</sub> PO <sub>4</sub> : HP 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
Program: UST/PRP <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:		Preservative Codes	
Project Name: Bish Pond Water Transfer Line (12.21.2025) Project Number: 3093 Project Location: Eddy County, New Mexico Sampler's Name: FV PO #:		Parameters Yes No Temp Blank: Yes (No) No Thermometer ID: Cooler Custody Seals: Yes No N/A Sample Custody Seals: Yes No N/A Temperature Reading: Corrected Temperature:	
SAMPLE RECEIPT Received Intact: Yes No Cooler Custody Seals: Yes No N/A Sample Custody Seals: Yes No N/A Temperature Reading: Corrected Temperature:		Turn Around B Routine - D Rush Due Date: FV	
Sample Identification T-4 (3) T-4 (4) T-5 (0+1) T-5 (1.5) T-5 (2) T-5 (3) T-5 (4)		Date 1/13/2026 1/13/2026 1/13/2026 1/13/2026 1/13/2026 1/13/2026 1/13/2026	
Time X X X X X X		Soil X X X X X X	
Water G G G G G G		# of Cont 1 1 1 1 1 1 1	
Grab/Comp G G G G G G		BTX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0	
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com			
Relinquished by: (Signature) 		Date/Time 1/15/2026	
Received by: (Signature) 		Date/Time 1-15-16 17:00	

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-67078-1  
SDG Number: Eddy County, New Mexico

**Login Number: 67078**

**List Number: 1**

**Creator: Vasquez, Julisa**

**List Source: Eurofins Midland**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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## APPENDIX F

CARMONA RESOURCES



**IPaC**

U.S. Fish &amp; Wildlife Service

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Project information

## NAME

Bish Pond Water Transfer Line (12.21.2025)

## LOCATION

Eddy County, New Mexico



## DESCRIPTION

None

## Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

📠 (505) 346-2542

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## Birds

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/1923">https://ecos.fws.gov/ecp/species/1923</a>	<a href="#">EXPN</a>
Piping Plover <i>Charadrius melodus</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. <a href="https://ecos.fws.gov/ecp/species/6039">https://ecos.fws.gov/ecp/species/6039</a>	Threatened

## Clams

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> Wherever found There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. <a href="https://ecos.fws.gov/ecp/species/919">https://ecos.fws.gov/ecp/species/919</a>	Endangered

## Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Proposed Threatened

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

## Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act <sup>2</sup> and the Migratory Bird Treaty Act (MBTA) <sup>1</sup>. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## Bald & Golden Eagles FAQs

### What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

### Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

### How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

### Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

**How is the probability of presence score calculated? The calculation is done in three steps:**

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is  $0.25/0.25 = 1$ ; at week 20 it is  $0.05/0.25 = 0.2$ .

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

**Breeding Season ()**

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort ()**

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

**No Data ()**

A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

## Migratory birds

The Migratory Bird Treaty Act (MBTA) <sup>1</sup> prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior [authorization](#) by the Department of Interior U.S. Fish and Wildlife Service (FWS).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

The [data](#) in this location indicates that no migratory birds of concern have been observed in this area. This does not mean [birds of concern](#) are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

## Migratory Bird FAQs

**Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.**

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?**

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that

area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

#### Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

#### What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Bald and Golden Eagle Protection Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

#### Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

#### Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

#### How is the probability of presence score calculated? The calculation is done in three steps:

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**Survey Effort ()**

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

**No Data ()**

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**Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

## Facilities

### National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

### Fish hatcheries

There are no fish hatcheries at this location.

### Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

This location did not intersect any wetlands mapped by NWI.

**NOTE:** This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

**Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

**Data exclusions**

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

**Data precautions**

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

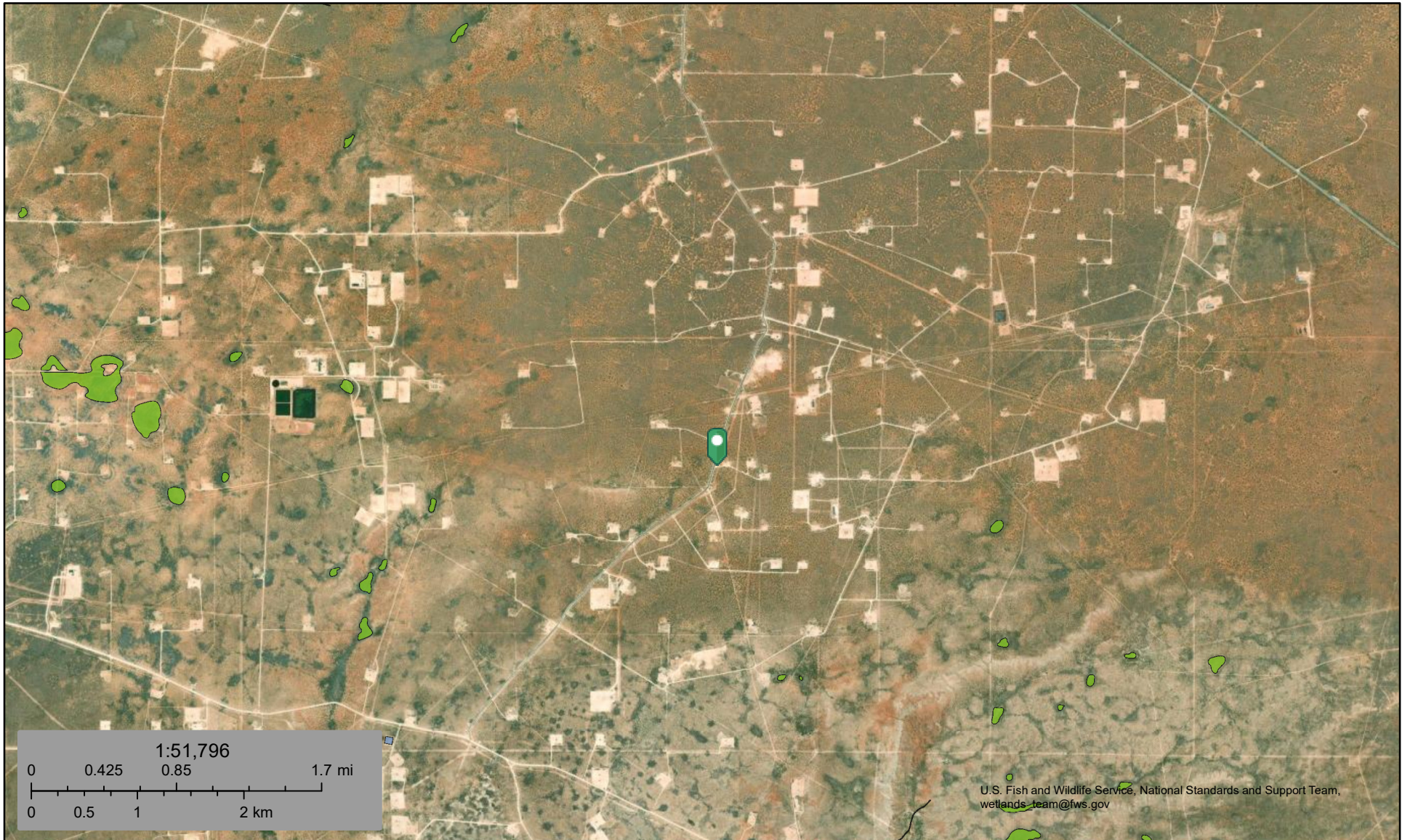
NOT FOR CONSULTATION



U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Bish Pond Water Transfer Line (12.21.2025)



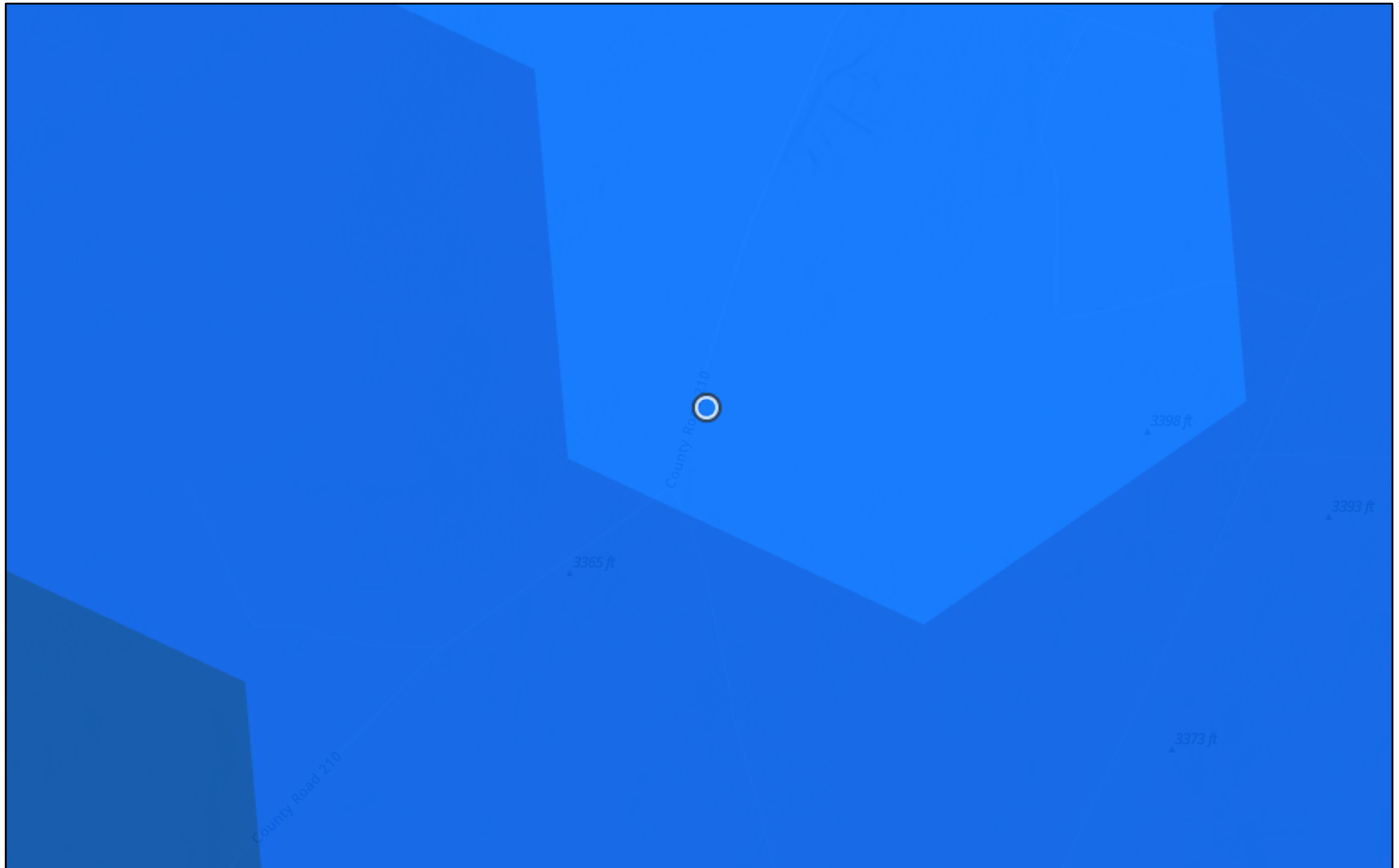
February 12, 2026

### Wetlands

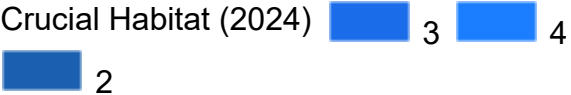
- |  |                                |  |                                   |  |       |
|--|--------------------------------|--|-----------------------------------|--|-------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake  |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other |
|  | Freshwater Pond                |  | Riverine                          |  |       |

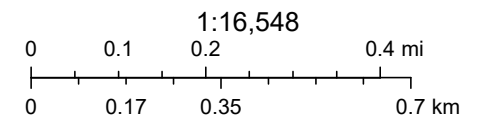
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Bish Pond Water Transfer Line (12.21.2025)



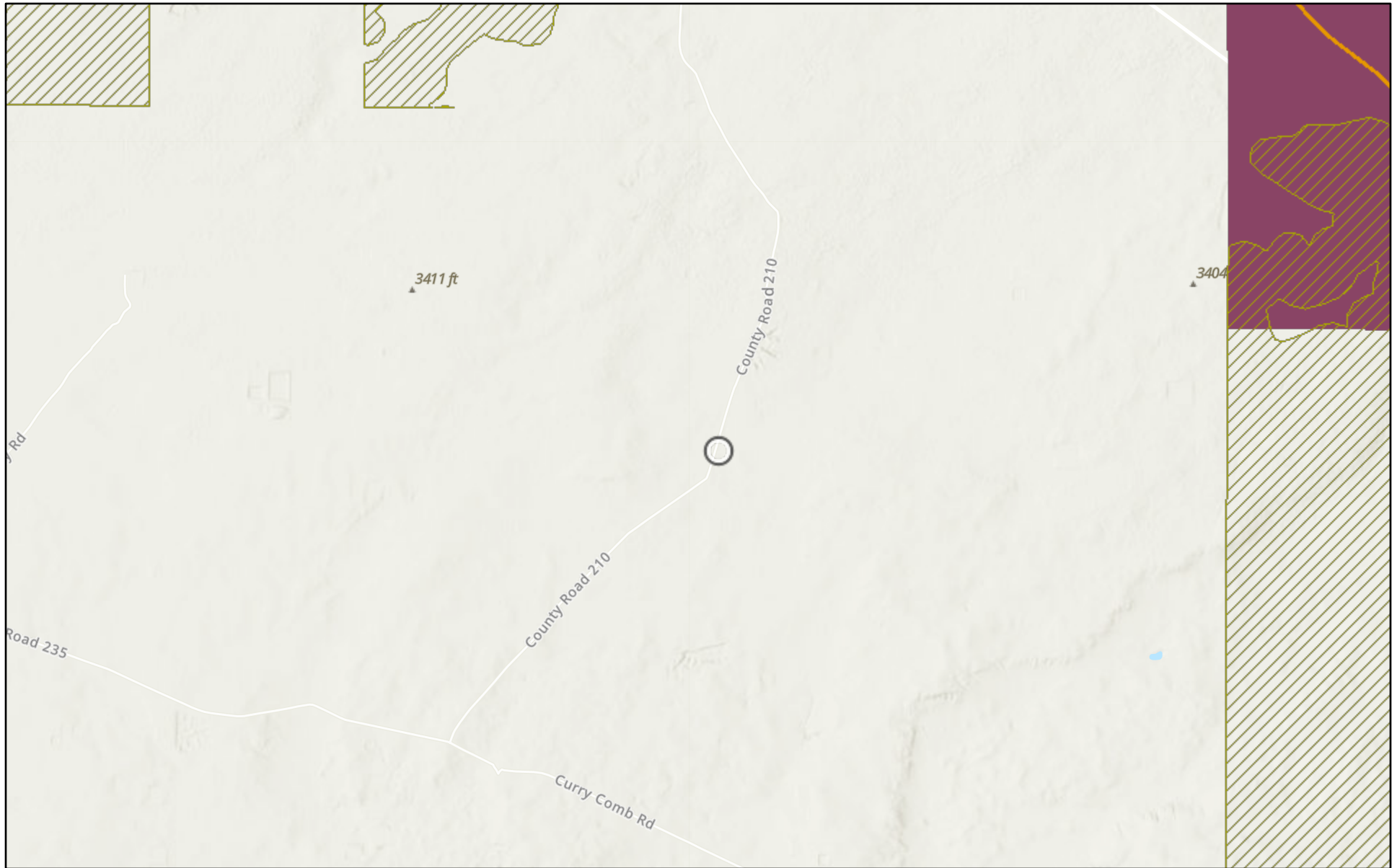
2/12/2026

Crucial Habitat (2024) 



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

# Bish Pond Water Transfer Line (12.21.25)



3/9/2026

Potential Habitat (Planning Area Only)



Scheer's beehive cactus



Dunes Sage Brush Lizard Habitat

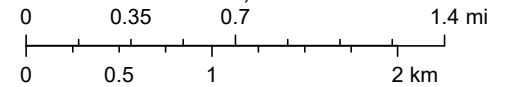
Lesser Prairie Chicken Habitat



Isolated Population Area

World\_Hillshade

1:48,318



Bureau of Land Management - New Mexico State Office, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and



Stephanie Garcia Richard, Commissioner of Public Lands  
State of New Mexico

### NMSLO Cultural Resources Cover Sheet Exhibit

**NMCRIS Activity Number:**

(if applicable)

**Exhibit Type** (select one)

**ARMS Inspection/Review** - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

**Archaeological Survey**

**Findings:**

**Negative** - No further archaeological review is required.

**Positive** - Have avoidance and protection measures been devised? Select one:

**Comments:**

**Project Details:**

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

**Project Location:**

County(ies):

PLSS/Section/Township/Range):

---

**For NMSLO Agency Use Only:**

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

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*No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.*

Form Revised 12 22

## APPENDIX G

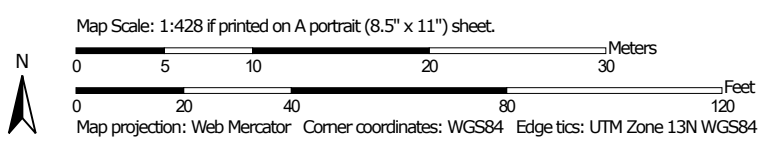
CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico




Soil Map may not be valid at this scale.



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 21, Sep 9, 2025

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

Date(s) aerial images were photographed: Mar 22, 2025—Apr 12, 2025

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.

Soil Map—Eddy Area, New Mexico

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	0.1	41.6%
BD	Berino-Dune land complex, 0 to 3 percent slopes	0.2	58.4%
<b>Totals for Area of Interest</b>		<b>0.3</b>	<b>100.0%</b>

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Landscape:* Uplands

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 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

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berino

##### Setting

*Landscape:* Uplands

*Landform:* Fan piedmonts, Sandy plains

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 58 inches:* sandy clay loam

*H3 - 58 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

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

Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* B

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

### Description of Pajarito

#### Setting

*Landscape:* Uplands

*Landform:* Interdunes, Sandy plains, Sand dunes

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear, convex

*Parent material:* Mixed alluvium and/or eolian sands

#### Typical profile

*H1 - 0 to 9 inches:* loamy fine sand

*H2 - 9 to 72 inches:* fine sandy loam

#### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(2.00 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Nonsaline (0.0 to 1.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

### Interpretive groups

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* A

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

### Minor Components

#### Pajarito

*Percent of map unit:* 4 percent

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

#### Wink

*Percent of map unit:* 4 percent

*Ecological site:* R070BD003NM - Loamy Sand

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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*Hydric soil rating:* No

**Cacique**

*Percent of map unit:* 4 percent

*Ecological site:* R070BD004NM - Sandy

*Hydric soil rating:* No

**Kermit**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 21, Sep 9, 2025

**NMSLO Seed Mix****Sandy (S)****SANDY (S) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
<b>Grasses:</b>			
Sand bluestem	Elida, VNS, So.	2.0	F
Little bluestem	Cimarron, Pastura	3.0	F
Black grama	VNS, Southern	1.0	D
Sand dropseed	VNS, Southern	4.0	S
Plains bristlegrass	VNS, Southern	2.0	D
<b>Forbs:</b>			
Firewheel (Gaillardia)	VNS, Southern	1.0	D
Annual Sunflower	VNS, Southern	1.0	D
<b>Shrubs:</b>			
Fourwing Saltbush	VNS, Southern	1.0	F
		<b>Total PLS/acre</b>	<b>16.0</b>

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box  
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 565317

**QUESTIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2535736450
Incident Name	NAPP2535736450 ELEVATE BISH POND WATER TRANSFER LINE @ J-10-19S-29E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Elevate Bish Pond Water Transfer Line
Date Release Discovered	12/21/2025
Surface Owner	State

<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   Other (Specify)   Produced Water   Released: 109 BBL   Recovered: 80 BBL   Lost: 29 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)	n/a

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QUESTIONS, Page 2

Action 565317

**QUESTIONS (continued)**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>

*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	n/a

*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: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 03/20/2026
--	---

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QUESTIONS, Page 3

Action 565317

**QUESTIONS (continued)**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<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	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Between 300 and 500 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

Requesting a remediation plan approval with this submission	Yes
<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

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

Chloride (EPA 300.0 or SM4500 Cl B)	9810
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	05/20/2026
On what date will (or did) the final sampling or liner inspection occur	06/19/2026
On what date will (or was) the remediation complete(d)	07/19/2026
What is the estimated surface area (in square feet) that will be reclaimed	18141
What is the estimated volume (in cubic yards) that will be reclaimed	5725
What is the estimated surface area (in square feet) that will be remediated	20117
What is the estimated volume (in cubic yards) that will be remediated	5725

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

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

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QUESTIONS, Page 4

Action 565317

**QUESTIONS (continued)**

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	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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	<a href="#">fEEM0112342028 LEA LAND LANDFILL</a>
<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	Not answered.
<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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: <a href="mailto:jbroom@mewbourne.com">jbroom@mewbourne.com</a> Date: 03/20/2026
--	---

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 565317

**QUESTIONS (continued)**

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	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 565317

**QUESTIONS (continued)**

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	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Sampling Event Information**

Last sampling notification (C-141N) recorded	{Unavailable.}
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**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 565317

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 565317
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. This release is in a critical karst area and will need to be remediated to the strictest closure criteria of <50' depth to groundwater from Table 1 of the OCD Spill Rule. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Confirmation samples should be collected every 200 ft2. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All off-pad areas must meet OCD reclamation/revegetation standards. The work will need to occur in 90 days after the work plan has been approved.	3/23/2026