ENSOLUM

June 8, 2026

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Closure Request
Anne Com 15 TB
Incident Number nAPP2516333795
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment and soil sampling activities performed at the Anne Com 15 TB (Site).

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a release of produced water, which impacted the pad surface at the Site. Based on field observations, field screening activities, and laboratory analytical results, Matador is submitting this *Closure Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting closure for Incident Number nAPP2516333795.

BACKGROUND

The Site is located in in Unit E, Section 15, Township 24 South, Range 28 East, in Eddy County, New Mexico (32.22109°, -104.08159°) and is associated with oil and gas exploration and production operations on private land. On June 11, 2025, corrosion on a produced water dump line caused a leak resulting in the release of approximately 9 barrels (bbls) of produced water onto the pad surface; 5 bbls of produced water were recovered, 4 bbls of produced water were unrecoverable. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on June 12, 2025, and submitted a Release Notification Form C-141 (C-141) on June 13, 2025. The release was assigned Incident Number nAPP2516333795.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Site Assessment/Characterization is described below.

According to the New Mexico Office of the State Engineer (NMOSE), the closest permitted groundwater well with depth to groundwater data is CP 02836 POD1, located approximately 0.31 miles northwest of the Site. The well had a reported depth to groundwater of 15 feet below ground surface (bgs) and a total depth of 200 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is the Willow Creek Ditch, located approximately 248 feet east of the Site.

The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is potentially underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the desktop Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) *currently* apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg

On August 18 and 19, 2025, Ensolum personnel conducted soil sampling around the Site to assess for the presence or absence of naturally occurring chloride in undisturbed soil horizons previously approved by NMOCD. A total of four background samples (BG01 through BG04) were collected in areas that did not appear to be disturbed by oil and gas operations and at depths ranging from ground surface to 10 feet bgs. Background soil sample locations are presented on Figure 2. The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following EPA Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0. Field screening results and lithologic observations were logged on lithologic soil sampling logs, which are included in Appendix B.

NMOCD approved a naturally occurring chloride concentration limit, via email on February 18, 2026, of 2,400 mg/kg from ground surface to 5 feet bgs (see Appendix C). Due to the pad material being imported to the Site, the strictest closure criteria was used to laterally define the release extent.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on June 19, 2025, through July 22, 2025, Ensolum personnel were onsite to delineate the lateral and vertical extent of the release as indicated by field observations and information provided on the C-141. Five lateral soil samples (SS01 through SS05) were collected at ground surface and 1-foot bgs. Three boreholes (BH01 through BH03) were advanced via hand auger and gas-powered core drill to depths ranging from ground surface to 30 feet bgs.

On February 20, 2026, Ensolum personnel returned to the Site to collect additional lateral soil samples to further define the lateral extent of impacted soil at the Site. Five lateral soil samples (SS06 through SS10) were collected at ground surface and 1-foot bgs.

Three extension requests were submitted to NMOCD on September 10, 2025, December 09, 2025, and March 13,2026 due to the difficulty of completing initial delineation and background chloride investigation of the Site.

On May 28, 2026, Ensolum personnel were returned to the Site to further assess potential impacts within the release extent. Four boreholes (BH02A through BH02D) were advanced via hand auger to depths ranging from 2 feet to 5 feet bgs to confirm chloride concentrations in boreholes BH02 at 3 feet and 4 feet bgs. All delineation soil samples at the Site are depicted on Figure 3.

All delineation soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographic documentation of delineation activities is included in Appendix D.

All soil samples were handled and analyzed in the same manner as described above.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

On March 26, through April 13, 2026, impacted soil was excavated via hydrovac, hand-digging, backhoe, and belly-dump trucks from the release extent as indicated by visible staining and delineation soil sampling results. The excavation occurred around associated production equipment. To direct excavation activities, Ensolum personnel field screened soil for chloride and TPH utilizing the same methods described above.

Following the removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the floor of the release extent and 5-point composite soil samples representing no more than every 200 square feet from the sidewalls of the excavation area. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS37 were collected from the floor of the excavation at depths ranging from 0.5 feet to 2.5 feet bgs. Two confirmation sidewall soil samples (SW01 through SW06) were collected from the excavation sidewalls at depths ranging from ground surface to 2.5 feet bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 4.

The final excavation extent measured approximately 7,036 square feet. A total of approximately 274 cubic yards of impacted and waste containing soil was removed during excavation activities. The impacted soil was transported and properly disposed of at the R360 Red Bluff Landfill in Orla, Texas.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS10 were all in compliance with the strictest Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results for borehole BH01 indicated chloride concentrations were in compliance with the approved chloride variance at depths ranging from ground surface to 2 feet bgs. Laboratory analytical results for boreholes BH02 through BH03 indicated gross impacts of chloride were present at ground surface and exceeded the approved background chloride variance at depths ranging from 2 feet to 4 feet bgs.

Laboratory analytical results for boreholes BH02A through BH02D indicated chloride concentrations were in compliance with the approved background chloride variance and TPH concentrations were in compliance with the Site Closure Criteria.

Laboratory analytical results for excavation floor samples FS01 through FS37 were compliant with the approved background chloride variance at depths ranging from 0.5 feet to 2.5 feet bgs. Laboratory analytical results from confirmation sidewall soil samples SW01 through SS04 and SW06 were in

compliance with the strictest Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 4, and the complete laboratory analytical reports are included as Appendix E.

CLOSURE REQUEST

The release extent has been laterally defined in accordance with the strictest Closure Criteria by delineation soil samples (SS01 through SS10) and sidewall soil samples SW01, through SW06, collected at depths ranging from ground surface to 2.5 bgs, and vertically by boreholes BH01 through BH03 and BH02A through BH02D, collected at depths ranging from ground surface to 30 feet bgs. Excavation of impacted soil was completed, and excavation floor samples FS01 through FS37, collected at depths ranging from 0.5-2.5-foot bgs were all in compliance with the approved chloride variance.

Elevated chloride concentrations exceeding the approved chloride variance in borehole BH02 are laterally defined by boreholes (BH02A through BH02D) and can be attributed to either higher concentrations of naturally occurring chlorides or cross contamination during initial delineation activities. Laboratory analytical results from excavation floor soil samples FS16 through FS21, FS23, and FS24 indicated elevated chloride and TPH impacts at 1-foot bgs, further excavation of these areas to a depth of 2 feet bgs resulted in a drop in concentrations of TPH and chlorides. The drop in concentration found in excavated floor samples support potential sloughing of surface material in delineation borehole BH02 resulting false failing samples at 3 and 4 feet bgs. The remaining exceedances are confined to areas directly adjacent to borehole BH02. Soil samples from borehole BH02 were collected as discrete soil samples and are not representative of the chloride concentrations of the areas they were collected from.

Based on the remedial actions completed to date and the presence of naturally occurring chlorides at the Site, Matador believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2516333795.

If you have any questions or comments, please contact Mrs. Ashley Urzedo at (575) 988-0055 or aurzedo@ensolum.com.

Sincerely,
Ensolum, LLC

Chad Hamilton
Project Geologist

Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

cc: Jason Touchet, Matador

Appendices:

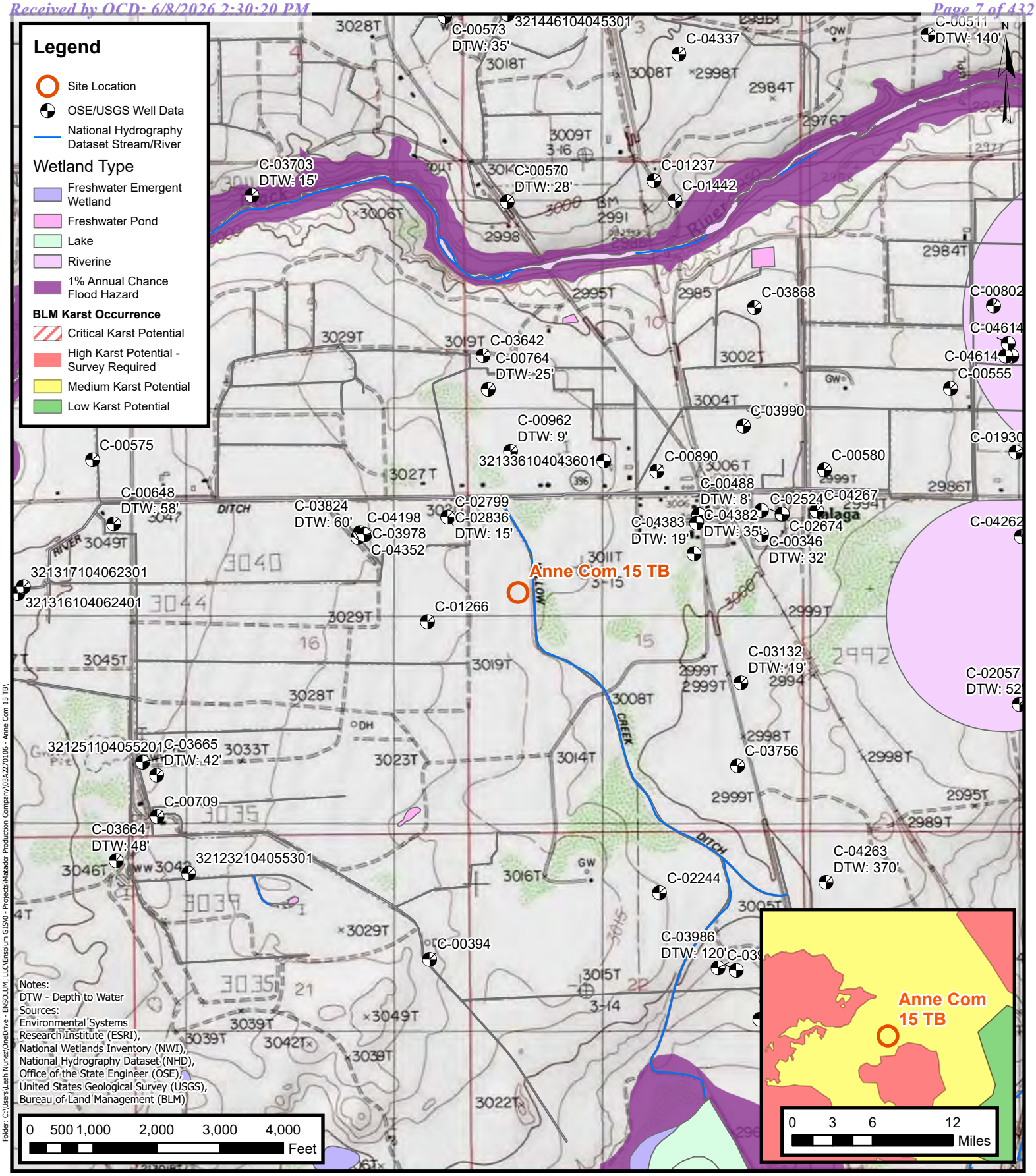
Figure 1 Site Receptor Map
Figure 2 Background Soil Sample Locations
Figure 3 Delineation Soil Sample Locations
Figure 4 Excavation Soil Sample Locations

Table 1 Delineation Soil Sample Analytical Results
Table 2 Background Soil Sample Analytical Results
Table 3 Excavation Soil Sample Analytical Results
Table 4 Sidewall Soil Sample Analytical Results

Appendix A Well Record and Log
Appendix B Lithologic Soil Sampling Logs
Appendix C NMOCD Correspondence
Appendix D Photographic Log
Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation

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FIGURES



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Site Receptor Map

Matador Production Company
Anne Com 15 TB
Incident Number: nAPP2516333795
Unit E, Section 15, T 24S, R 28E
Eddy County, New Mexico

FIGURE 1



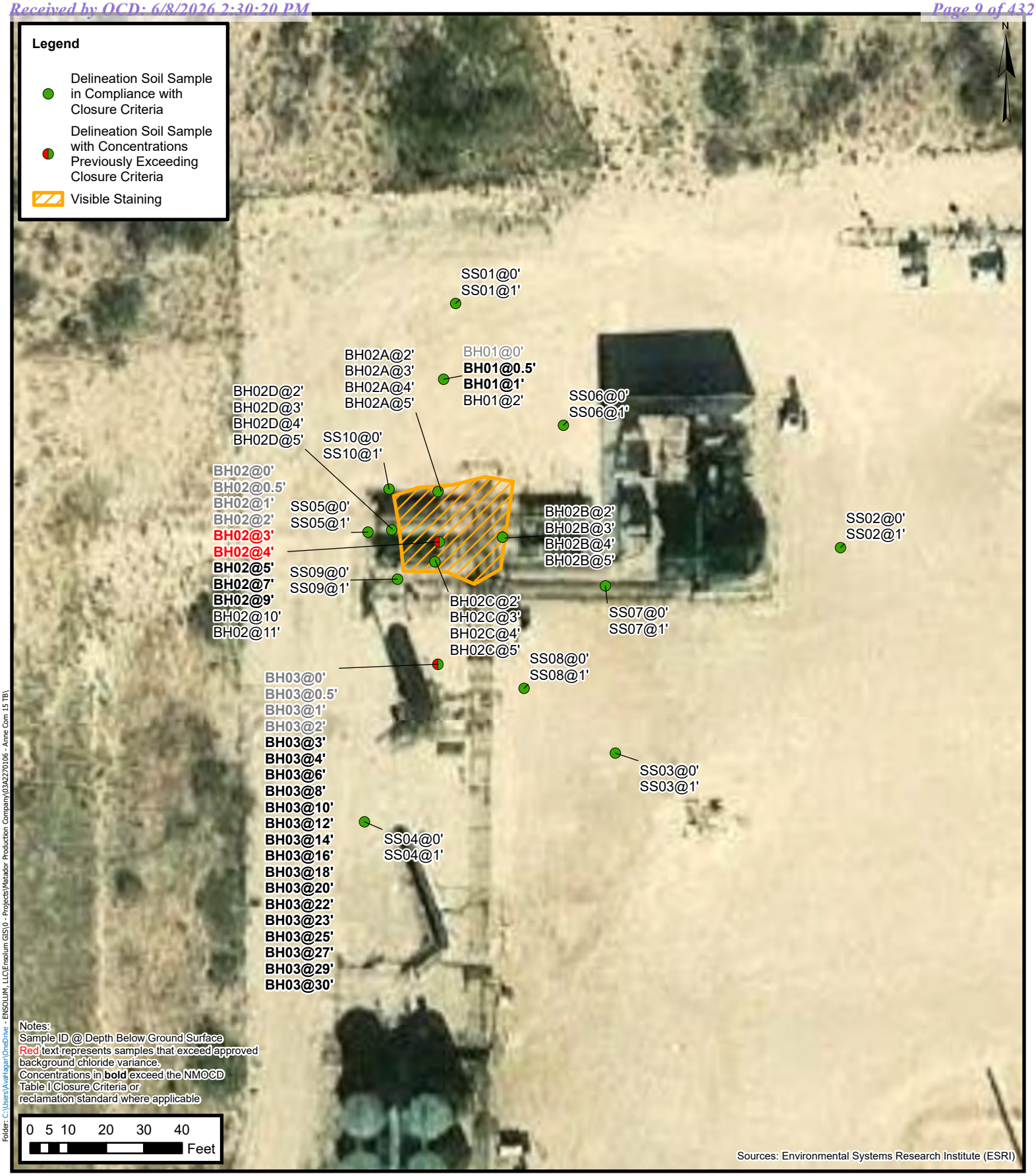
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Background Soil Sample Locations

Matador Production Company
Anne Com 15 TB
Incident Number: nAPP2516333795
Unit E, Section 15, T 24S, R 28E
Eddy County, New Mexico

FIGURE 2



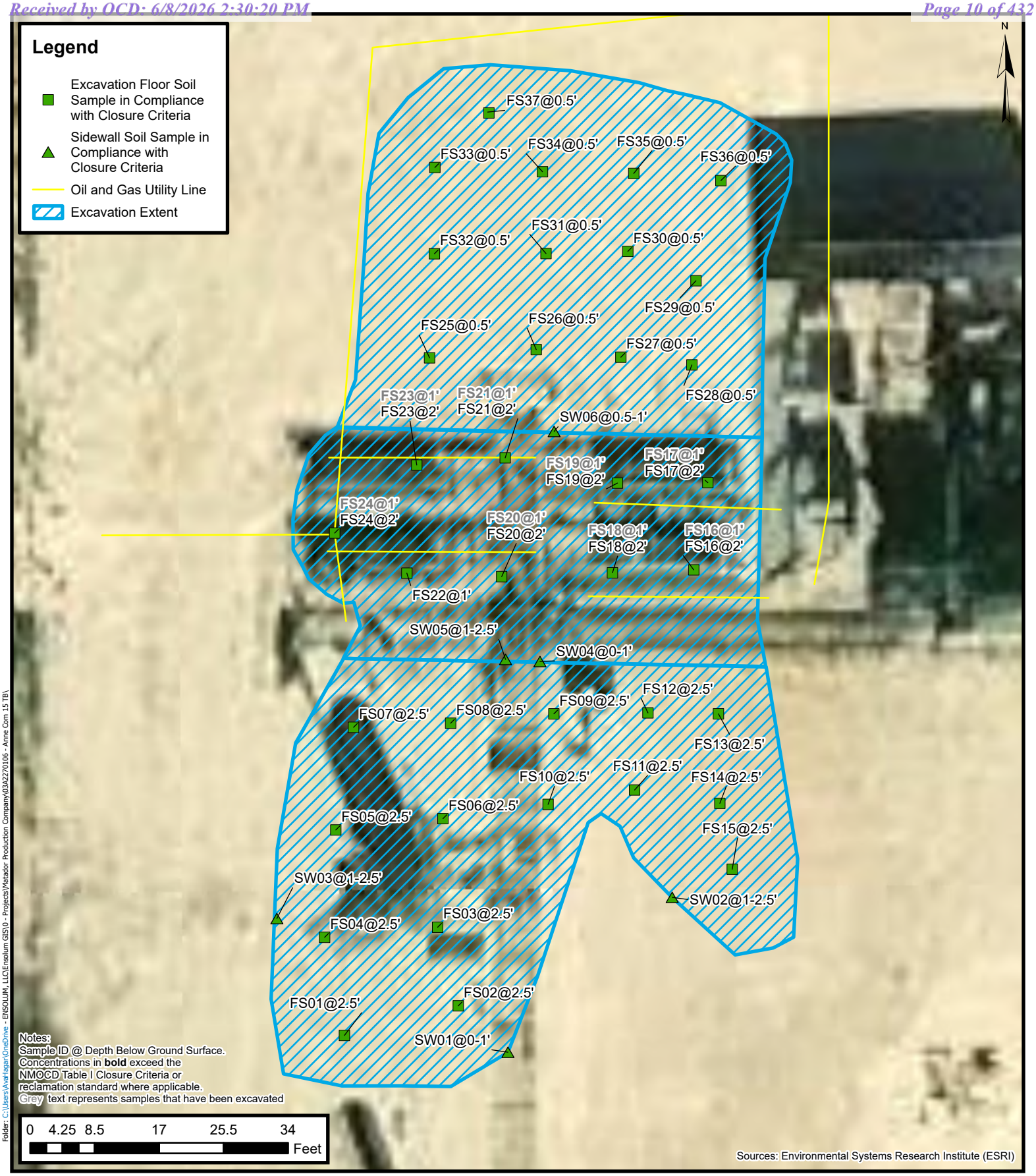
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Delineation Soil Sample Locations

Matador Production Company
Anne Com 15 TB
Incident Number: nAPP2516333795
Unit E, Section 15, T 24S, R 28E
Eddy County, New Mexico

FIGURE 3



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Excavation Soil Sample Locations

Matador Production Company
Anne Com 15 TB
Incident Number: nAPP2516333795
Unit E, Section 15, T 24S, R 28E
Eddy County, New Mexico

FIGURE 4

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			10	50	NE	NE	NE	NE	100	600
Approved Chloride Variance			10	50	NE	NE	NE	NE	100	2,400
Delineation Soil Samples										
SS01	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS01	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	240
SS02	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	281
SS02	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	263
SS03	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	387
SS03	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	313
SS04	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.4
SS05	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS05	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS06	2/20/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	557
SS06	2/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	474
SS07	2/20/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	369
SS07	2/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	285
SS08	2/20/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	310
SS08	2/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	396
SS09	2/20/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	2/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10	2/20/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10	2/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	283
BH01	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
BH01	6/25/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,040**
BH01	6/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**939**
BH01	6/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	241
BH02	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**11,300**
BH02	6/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,550**
BH02	6/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,790**
BH02	6/26/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**5,730**
BH02	6/26/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**6,590**
BH02	6/26/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,750**
BH02	6/26/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,400**
BH02	7/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,030**

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TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			10	50	NE	NE	NE	NE	100	600
Approved Chloride Variance			10	50	NE	NE	NE	NE	100	2,400
Delineation Soil Samples										
BH02	7/16/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**819**
BH02	7/21/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	266
BH02	7/21/2025	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<200
BH02A	5/28/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.3
BH02A	5/28/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.7
BH02A	5/28/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	28.7
BH02A	5/28/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.4
BH02B	5/28/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.9
BH02B	5/28/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.6
BH02B	5/28/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.1
BH02B	5/28/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.5
BH02C	5/28/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.5
BH02C	5/28/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.0
BH02C	5/28/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.8
BH02C	5/28/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.0
BH02D	5/28/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.4
BH02D	5/28/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.4
BH02D	5/28/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.0
BH02D	5/28/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.1
BH03	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**6,610**
BH03	6/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,580**
BH03	6/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**4,170**
BH03	6/26/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,860**
BH03	6/26/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,410**
BH03	6/26/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,410**
BH03	6/26/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,920**
BH03	6/26/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,520**
BH03	6/26/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,320**
BH03	6/26/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,220**
BH03	6/26/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,320**
BH03	6/26/2025	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,630**
BH03	7/21/2025	18	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,420**

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TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**600**
Approved Chloride Variance (Below 1-foot bgs)			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**2,400**
Delineation Soil Samples										
BH03	7/21/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,240**
BH03	7/21/2025	22	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,290**
BH03	7/21/2025	23	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,130**
BH03	7/22/2025	25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**741**
BH03	7/22/2025	27	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**908**
BH03	7/22/2025	29	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,060**
BH03	7/22/2025	30	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,050**

Notes:

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*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria where applicable.*

*Concentrations in **red** exceed the NMOCD approved background chloride variance where applicable.*

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

** Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.*

ENSOLUM

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			10	50	NE	NE	NE	NE	100	600
Approved Chloride Variance			10	50	NE	NE	NE	NE	100	2,400
Background Soil Samples										
BG01	8/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	525
BG01	8/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,220**
BG01	8/19/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,230**
BG01	8/19/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,250**
BG01	8/19/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,040**
BG01	8/19/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,570**
BG01	8/19/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**747**
BG01	8/19/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**689**
BG01	8/19/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**700**
BG01	8/19/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**750**
BG02	8/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,870**
BG02	8/18/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,340**
BG02	8/18/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,280**
BG02	8/18/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,380**
BG02	8/18/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,700**
BG02	8/18/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,740**
BG02	8/18/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,500**
BG02	8/18/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,650**
BG02	8/18/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,820**
BG02	8/19/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,350**
BG03	8/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BG03	8/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**604**
BG03	8/18/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,050**
BG03	8/18/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,010**
BG03	8/18/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**831**

Notes:

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ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

ENSOLUM

TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**600**
Approved Chloride Variance			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**2,400**
Background Soil Samples										
BG03	8/18/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,070**
BG03	8/18/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,180**
BG03	8/18/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,160**
BG03	8/18/2025	7.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,080**
BG04	8/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.4
BG04	8/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,650**
BG04	8/18/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,290**
BG04	8/18/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,580**
BG04	8/18/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,190**
BG04	8/18/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,700**
BG04	8/18/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,660**
BG04	8/18/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,140**
BG04	8/18/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,410**
BG04	8/18/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,070**
BG04	8/19/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,830**

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ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.*

** Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.*

ENSOLUM

TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			10	50	NE	NE	NE	NE	100	600
Approved Chloride Variance			10	50	NE	NE	NE	NE	100	2,400
Excavation Floor Soil Samples										
FS01	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	903
FS02	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	734
FS03	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	672
FS04	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	523
FS05	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,010
FS06	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,020
FS07	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,030
FS08	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,020
FS09	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	821
FS10	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	534
FS11	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	534
FS12	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	907
FS13	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	945
FS14	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	836
FS15	3/30/2026	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	704
FS16	3/31/2026	1	<0.0250	<0.0500	<20.0	834	335.0	834	**1,169**	1,600
FS16	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	822
FS17	3/31/2026	1	<0.0250	<0.0500	<20.0	60.2	66.7	60.2	**127**	1,370
FS17	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,390
FS18	3/31/2026	1	<0.0250	<0.0500	<20.0	1,130	317.0	1,130	**1,447**	**11,000**
FS18	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	984
FS19	3/31/2026	1	<0.0250	<0.0500	<20.0	153	133.0	153	**286**	**5,470**
FS19	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,190
FS20	3/31/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**5,350**
FS20	4/13/2022	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,200
FS21	3/31/2026	1	<0.0250	<0.0500	<20.0	246	169.0	246	415	**15,400**
FS21	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	856
FS22	3/31/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,800
FS23	3/31/2026	1	<0.0250	<0.0500	<20.0	2,800	2,070.0	2,800	**4,870**	3,300
FS23	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,240
FS24	3/31/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**12,100**
FS24	4/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	857

ENSOLUM

TABLE 3 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			10	50	NE	NE	NE	NE	100	600
Approved Chloride Variance			10	50	NE	NE	NE	NE	100	2,400
Excavation Floor Soil Samples										
FS25	3/31/2026	0.5	<0.0250	<0.0500	<20.0	29.9	<50.0	29.9	<50.0	458
FS26	3/31/2026	0.5	<0.0250	<0.0500	<20.0	25.9	<50.0	25.9	<50.0	477
FS27	3/31/2026	0.5	<0.0250	<0.0500	<20.0	30.7	<50.0	30.7	<50.0	466
FS28	3/31/2026	0.5	<0.0250	<0.0500	<20.0	26.4	<50.0	26.4	<50.0	483
FS29	3/31/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	475
FS30	3/31/2026	0.5	<0.0250	<0.0500	<20.0	27.7	<50.0	27.7	<50.0	464
FS31	3/31/2026	0.5	<0.0250	<0.0500	<20.0	34.4	<50.0	34.4	<50.0	467
FS32	3/31/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	425
FS33	3/31/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	469
FS34	3/31/2026	0.5	<0.0250	<0.0500	<20.0	38.8	52.7	38.8	91.5	412
FS35	3/31/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	464
FS36	3/31/2026	0.5	<0.0250	<0.0500	<20.0	32	<50.0	32	<50.0	446
FS37	3/31/2026	0.5	<0.0250	<0.0500	<20.0	27	<50.0	27	<50.0	435

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BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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ENSOLUM

TABLE 4
SOIL SAMPLE ANALYTICAL RESULTS
Anne Com 15 TB
Matador Production Company
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29) Top 1'			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**600**
Approved Chloride Variance			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**2,400**
Sidewall Soil Samples										
SW01	3/30/2026	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	390
SW02	3/30/2026	1-2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	592
SW03	3/30/2026	1-2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	552
SW04	3/30/2026	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	461
SW05	3/30/2026	1-2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	841
SW06	3/31/2026	0.5-1	<0.0250	<0.0500	<20.0	35.5	<50.0	35.5	<50.0	444

Notes:

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ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria where applicable.*

*Concentrations in **red** exceed the NMOCD approved background chloride variance where applicable.*

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ENSOLUM

APPENDIX A

Well Log and Record

Received by OCD: 6/8/2026 2:30:30 PM

Trans. to 213014

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

466592

Section 1. GENERAL INFORMATION

(A) Owner of well Efren Collins Owner's Well No. _____

Street or Post Office Address 6105 Laguna

City and State Carlsbad, NM 88220

Well was drilled under Permit No. C-2836 and is located in the:

a. NE ¼ NE ¼ NE ¼ ____ ¼ of Section 16 Township 24S Range 28E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Taylor Water Well Service License No. WD-1348

Address 7317 Etcheverry Rd, Carlsbad, NM 88220

Drilling Began 8/4/01 Completed 8/7/01 Type tools Rotary Size of hole 7 7/8 in.

Elevation of land surface or _____ at well is UK ft. Total depth of well 175 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 15 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
36	42	6	Sandstone:brn,gry,vfn grn	1-2
116	122	6	Limestone:gry-off wht	1-2
130	134	4	Limestone:blu gry-wht	1-2
156	164	8	Limestone:gry,off wht	1-2

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5	Sch 40	Pvc	+2	175	177	Cap	35	55
							115	135
							155	175

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO 2001 OCT -4 AM 10:56

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 10-04-2001

Quad _____ FWL _____ FSL _____

File No. C-2836 Use Stock Location No. 24S.28E.16.222

Released to Imaging: 6/17/2026 4:05:46 PM

Received by OCD: 6/8/2026 2:30:20 PM

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	4	4	Soil
4	8	4	Anhy:crm,vfn xln
8	16	8	Clay:yel,smth
16	21	5	Clay:lt rd,sndy,sme gyp
21	36	15	Clay:brn,sndy,sme gyp
36	42	6	Sandstone:brn,gry,vfn grn,sb rnd,wl consl
42	68	26	Clay:pnk,sme clr gyp
68	101	43	Clay:rd,sme sndy gravel
101	112	11	Limestone:gry-off wht,vfn-micxln,sme siltstone
112	116	4	Clay:rd,slty
116	122	6	Limestone:gry,off wht,vfn-micxln
122	130	8	Clay:rd,slty
130	134	4	Limestone:blu gry,wht,vfn xln-dns
134	156	22	Clay:dr,sndy
156	164	8	Limestone:gry,off wht,vfn-micxln
164	186	22	Clay:pnk-rd,slty
186	192	6	Limestone:gry,vfn xln-dns
192	200	8	Anhy:wht,pnk,clr gyp

Section 7. REMARKS AND ADDITIONAL INFORMATION

Ran casing to 175'. Well makes enough for a windmill.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepe[illegible]hen this [illegible] is used as a plugging record, only Section 1(a) and Sectio[illegible]ed be completed.

Released to Imaging: 6/17/2026 8:05:46 PM

ENSOLUM

APPENDIX B

Lithologic Soil Sampling Logs

ENSOLUM

Sample Name: BH01	Date: 6/25/2025	
Site Name: Anne Com 15 TB		
Incident Number: nAPP25163331795		
Job Number: 03A2270106		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM	Method: Hand Auger
Coordinates: 32.221181, -104.081613	Hole Diameter: 3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	<163		N	BH01	0	0	CCHE	Pad Caliche
M	1,977	28	N	BH01	0.5	0.5		
D	946	13	N	BH01	1	1	SP-SC	0.5' - 2' - Clayey Sand - Brown, Very Fine to Fine with Small Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	258	12	N	BH01	2	2		
D	258	15	N	BH01	3	3	SP-SC	2' - 4' - Clayey Sand - Brown, Very Fine to Fine with Small to Medium Gravel, Non-Plastic, Noncohesive, Massive, Non-uniform
D	381	8	N	BH01	4	4		

Total Depth@ 4 feet bgs.

ENSOLUM

Sample Name: BH02	Date: 6/26/2025
Site Name: Anne Com 15 TB	
Incident Number: nAPP25163331795	
Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM/AK / Method: Auger/Core Drill
Coordinates: 32.221063, -104.081618	Hole Diameter: 3" / Total Depth: 12'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	10,735		Y	BH02	0	0	CCHE	Pad Caliche
M	9,890		Y	BH02	0.5	0.5		
D	9,122		N	BH02	1	1	SP-SC	0.5' - 4' - Clayey Sand -Light Brown to Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	4,827		N	BH02	2	2		
D	6,137		N	BH02	3	3		
D	4,452		N	BH02	4	4	SP-SC	4' - 5' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform
D	2,385		N	BH02	5	5	SP-SC	5'-6' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D				BH02	6	6		
D				BH02	7	7		
D				BH02	8	8		
D				BH02	9	9		
D	336	45	N	BH02	10	10	SP-SC	10'-12'-Clayey Sand - Brown to Red, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform
D	224		N	BH02	11	11		
D	<163		N	BH02	12	12		

ENSOLUM

	Sample Name: BH02A	Date: 5/28/2026
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP25163331795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM	Method: Auger
Coordinates: 32.221100, -104.081619	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
								Excavation
D	622	76	N	BH02A	2	2	SP-SC	2' - 4' - Clayey Sand -Light Brown to Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	392	55	N	BH02A	3	3		
D	448	52	N	BH02A	4	4		
D	560	43	N	BH02A	5	5	SP-SC	4' - 5' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform

Total Depth @ 5 feet bgs.

ENSOLUM

	Sample Name: BH02B	Date: 5/28/2026
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP25163331795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM	Method: Auger
Coordinates: 32.221066, -104.081564	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
								Excavation
D	504	22	N	BH02B	2	2	SP-SC	2' - 4' - Clayey Sand -Light Brown to Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	392	46	N	BH02B	3	3		
D	622	35	N	BH02B	4	4		
D	689	82	N	BH02B	5	5	SP-SC	4' - 5' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform

Total Depth @ 5 feet bgs.

ENSOLUM

	Sample Name: BH02C	Date: 5/28/2026
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP25163331795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM	Method: Auger
Coordinates: 32.221049, -104.081622	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
								Excavation
D	224	71	N	BH02C	2	2	SP-SC	2' - 4' - Clayey Sand -Light Brown to Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	392	62	N	BH02C	3	3		
D	560	42	N	BH02C	4	4		
D	448	19	N	BH02C	5	5	SP-SC	4' - 5' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform

Total Depth @ 5 feet bgs.

ENSOLUM

	Sample Name: BH02D	Date: 5/28/2026
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP25163331795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM	Method: Auger
Coordinates: 32.221075, -104.081667	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
								Excavation
D	448	12	N	BH02D	2	2	SP-SC	2' - 4' - Clayey Sand -Light Brown to Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	622	27	N	BH02D	3	3		
D	689	46	N	BH02D	4	4		
D	224	32	N	BH02D	5	5	SP-SC	4' - 5' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform

Total Depth @ 5 feet bgs.

ENSOLUM

Sample Name: BH03	Date: 6/26/2025	
Site Name: Anne Com 15 TB		
Incident Number: nAPP25163331795		
Job Number: 03A2270106		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM/AK	Method: Hand Auger
Coordinates: 32.221063, -104.081618	Hole Diameter: 3"	Total Depth: 30'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	3,438		N	BH03	0	0	CCHE	Pad Caliche
D	>3,438		N	BH03	0.5	0.5		
D	>3,438		N	BH03	1	1	SP-SC	0.5' - 3' - Clayey Sand -Light Brown to Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	2,766		N	BH03	2	2		
D	1,400		N	BH03	3	3	SP-SC	3' - 10' - Clayey Sand -Light Brown, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform, Sharp
D	946		N	BH03	4	4		
D	1,725		N	BH03	5	5		
D	1,725		N	BH03	6	6		
D	2,111		N	BH03	7	7		
D	2,766		N	BH03	8	8		
D	2,258		N	BH03	9	9		
D	2,766		N	BH03	10	10	SP-SC	10' - 24'' - Clayey Sand - Brown to Red, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform
D	2,766		N	BH03	11	11		
D	2,258		N	BH03	12	12		
D	2,258		N	BH03	13	13		
D	1,848		N	BH03	14	14		
D	1,848		N	BH03	15	15		
D	1,400		N	BH03	16	16		

ENSOLUM

Sample Name: BH03	Date: 7/21/2025
Site Name: Anne Com 15 TB	
Incident Number: nAPP25163331795	
Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM/AK / Method: Core Drill
Coordinates: 32.221063, -104.081618	Hole Diameter: 3" / Total Depth: 30'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	2,257		N	BH03	17	17		
D	1,725		N	BH03	18	18		
D	946		N	BH03	19	19		
D	1,501		N	BH03	20	20		
D	1,299		N	BH03	21	21	SP-SC	10' - 24'' - Clayey Sand - Brown to Red, Very Fine to Fine with Small to Medium Gravel, Non-plastic, Noncohesive, Massive, Non-uniform
D	1,501		N	BH03	22	22		
D	868		N	BH03	23	23		
D	593		N	BH03	24	24		
M	660		N	BH03	25	25		
M	660		N	BH03	26	26		
M	946		N	BH03	27	27	CH	25'-30' - Dark Brown Fat Clay, High Pasticity, Cohesive, Massive, No Stain
W	1,501		N	BH03	28	28		
W	795		N	BH03	29	29		
W	1,501		N	BH03	30	30		

ENSOLUM

	Sample Name: BG01	Date: 8/19/25
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP2516333795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Israel Estrella	Method: Hand Auger
Coordinates: 32.220409, -104.080006	Hole Diameter: 3"	Total Depth: 10'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	644		N	BG01	0	0	SP-SM	Dry, Top Soil, Fine Grain, No Stain, Non Plastic.
D	2,240		N	BG01	1	1		
D	1,495		N	BG01	2	2		
D	1,601		N	BG01	3	3		
D	1,495		N	BG01	4	4	CCHE	Dry, Caliche, Coarse to fine, No Stain, Non Plastic.
D	1,495		N	BG01	5	5		
D	1,019		N	BG01	6	6		
D	856		N	BG01	7	7		
D	935		N	BG01	8	8		
D	935		N	BG01	9	9		
D	856		N	BG01	10	10		

Total Depth@ 10 feet bgs.

ENSOLUM

	Sample Name: BG02	Date: 8/18/25
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP2516333795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Israel Estrella	Method: Hand Auger
Coordinates: 32.22091, -104.08013	Hole Diameter: 3"	Total Depth: 10'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	ND		N	BG02	0	0	SP-SM	Dry, Top Soil, Very Fine to Fine Grain, No Stain, Light Plasticity.
D	2,100		N	BG02	1	1		
D	1,388		N	BG02	2	2		
D	1,719		N	BG02	3	3		
D	1,719		N	BG02	4	4		
D	2,391		N	BG02	5	5		
D	2,240		N	BG02	6	6		
D	1,719		N	BG02	7	7	CCHE	Dry, Caliche, Coarse to Fine Grain, No Stain, Non Plastic.
D	2,240		N	BG02	8	8		
D	2,100		N	BG02	9	9		
D	1,198		N	BG02	10	10		

Total Depth@ 10 feet bgs.

ENSOLUM

	Sample Name: BG03	Date: 8/18/25
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP2516333795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Israel Estrella	Method: Hand Auger
Coordinates: 32.22227, -104.08020	Hole Diameter: 3"	Total Depth: 7.5'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	ND		N	BG03	0	0	SP-SM	Dry, Top Soil, Very Fine to Fine Grain, No Stain, Light Plasticity.
D	711		N	BG03	1	1		
D	1,198		N	BG03	2	2		
D	1,198		N	BG03	3	3		
D	1,019		N	BG03	4	4		
D	1,495		N	BG03	5	5		
D	1,243		N	BG03	6	6	SP-SM	Dry, Silty Sand With Gypsum, Coarse to Fine Grain, No Stain, Non Plastic. Hit Refusal
D	1,495		N	BG03	7	7		
D	1,198		N	BG03	7.5	7.5		

Total Depth@ 7.5 feet bgs.

ENSOLUM

	Sample Name: BG04	Date: 8/18/25
	Site Name: Anne Com 15 TB	
	Incident Number: nAPP2516333795	
	Job Number: 03A2270106	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Israel Estrella	Method: Hand Auger
Coordinates: 32.22242, -104.08208	Hole Diameter: 3"	Total Depth: 10'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	ND		N	BG04	0	0	SP-SM	Dry, Top Soil, Very Fine to Fine Grain, No Stain, Light Plasticity.
D	2,912		N	BG04	1	1		
D	2,727		N	BG04	2	2		
D	2,240		N	BG04	3	3	CCHE	Dry, Caliche, Coarse to Fine Grain, No Stain, Non Plastic.
D	2,391		N	BG04	4	4		
D	1,956		N	BG04	5	5		
D	1,719		N	BG04	6	6		
D	2,100		N	BG04	7	7		
D	2,553		N	BG04	8	8		
D	1,965		N	BG04	9	9		
D	1,719		N	BG04	10	10		

Total Depth@ 10 feet bgs.

ENSOLUM

APPENDIX C

NMOCD Correspondence

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 473579

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473579
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Anne Com 15 TB
Date Release Discovered	06/11/2025
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Dump Line | Produced Water | Released: 9 BBL | Recovered: 5 BBL | Lost: 4 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)	water dump line piping on the separator washed out downstream of the dump valve on the water dump line.

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

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473579
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473579
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473579
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/12/2025

Impacted Soil On-Pad
Saturated Soil (inches)
2
Area (sq. ft.)
676
Standing fluids
inches of standing fluid
0
bbl estimate of standing fluids
barrels recovered (if known)
5
Soil type
pad caliche
Spill type
produced water
Barrel estimate in soil
4.0
Barrel estimate (standing fluids/ recovered+in soil)
9.0

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QUESTIONS

Action 473616

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473616
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Anne Com 15 TB
Date Release Discovered	06/11/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Dump Line | Produced Water | Released: 9 BBL | Recovered: 5 BBL | Lost: 4 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)	water dump line piping on the separator washed out downstream of the dump valve on the water dump line.

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473616
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 06/12/2025

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 473616
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

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	No
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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CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 473616
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Spill calculations and initial C-141 are approved.	6/17/2025

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QUESTIONS

Action 566804

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566804
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,036
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/27/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 566804
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/25/2026

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QUESTIONS

Action 566806

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566806
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,036
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/30/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566806
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/25/2026

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QUESTIONS

Action 566812

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566812
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,036
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/31/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566812
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/25/2026

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QUESTIONS

Action 566815

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566815
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,036
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/01/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566815
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/25/2026

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QUESTIONS

Action 566818

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566818
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,036
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/02/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566818
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/25/2026

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QUESTIONS

Action 566822

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566822
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,036
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/03/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159)

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 566822
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/25/2026

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QUESTIONS

Action 573668

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 573668
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,600
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/13/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jarad McCauley @ (413) 270-1244
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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CONDITIONS

Action 573668

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 573668
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/9/2026

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QUESTIONS

Action 573670

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 573670
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Site Name	**ANNE COM 15 TB**
Date Release Discovered	**06/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,600
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/14/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jarad McCauley @ (413) 270-1244
Please provide any information necessary for navigation to sampling site	32.22109,-104.08159

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

CONDITIONS

Action 573670

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 573670
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/9/2026

Ashley Giovengo

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Wednesday, August 6, 2025 9:22 AM
To: Chad Hamilton; Bratcher, Michael, EMNRD
Cc: Ashley Giovengo; Jason Touchet
Subject: RE: [EXTERNAL] Proposed Background Chloride Sample Locations for the Anne Com 15 TB Incident Number nAPP2516333795

[**EXTERNAL EMAIL**]

Good morning, Chad

The OCD approves all four (4) proposed background locations for the Anne Com 15 TB. Please go ahead and proceed.

Thank you,

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Monday, August 4, 2025 2:10 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: RE: [EXTERNAL] Proposed Background Chloride Sample Locations for the Anne Com 15 TB Incident Number nAPP2516333795

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Matador Production Company (Matador) is requesting approval for potential *background chloride sample locations* at the Anne Com 15 TB (Site) (Incident Number nAPP2516333795). On June 11, 2025, a water line on a separator downstream of the water dump valve washed out resulting in the release of approximately 9 barrels (bbls) of produced water; 5 bbls were recovered from the release area. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on June 12, 2025, via web portal. The release occurred on a pad and did not impact any off-pad areas.

This Site is located 1.75 miles west of the Janie Conner Slot 2 Well Pad Harold Melton Well 13 and 3.2 miles southeast of the Charlie Sweeney Fed TB (see Established Background Chloride Site Maps). Due to the proximity of this release to these sites with established background chloride concentrations, naturally occurring chloride concentrations exceeding the strictest Closure Criteria are expected to be encountered during delineation activities at the Site. Background sample locations have been marked in well vegetated areas according to satellite imagery (See Proposed Background Locations Map), and at least 50 feet away from areas that have been disturbed by oil and gas activities. Updated areas were picked due to the presence of vegetation, this has been a requirement of NMOCD in previous background chloride variance requests. Areas to the west and south of the pad do not have well established vegetation and therefore were not considered for sample locations. The background samples will be grab samples collected at surface, then 1', 2', 3' etc. until the depth that Matador believes impacts to be. Each sample will be submitted to a Envirotech Inc., to test for all Table I constituents. Please review these background sampling locations to confirm they are in areas with acceptable vegetation growth and non-disturbed features that the NMOCD would accept laboratory analytical results for use in developing naturally occurring chloride concentrations for this area and specifically for this Site.

Thanks,

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Thursday, July 31, 2025 1:48 PM
To: Chad Hamilton <chamilton@ensolum.com>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: RE: [EXTERNAL] Proposed Background Chloride Sample Locations for the Anne Com 15 TB Incident Number nAPP2516333795

[**EXTERNAL EMAIL**]

Good afternoon, Chad

Regarding the collection of background samples for the Anne Com 15 TB incident/site, there is some guidance on what is expected from the OCD. The ones proposed in the site map are far too close to roads and other pads and will need to be reconsidered for proposal to OCD. It looks like there is also an evaporation pond or lined containment to the west of the incident, relatively close. Please consider the following guidance below when proposing background samples and their locations:

A background sample should be gathered in endemic areas undisturbed by oil and gas activities, nominally uphill from the release area, and no closer than 50 feet, but no farther than a few hundred feet from any edge of the impacted or disturbed areas. There must be four background sample locations. The background samples will need to be grab samples collected at surface, then 1', 2', 3' etc. until you have reached the depth that Matador believes impacts to be. Each sample needs to be submitted to a laboratory to test for all Table I constituents. Should BTEX or TPH be found in any sample, that background cannot be used and remediation may need to occur pursuant to 19.15.29.12 and 13 NMAC, based upon the laboratory results. The data collected at each depth may then be averaged to come up with the background chloride number for that depth.

Please let me know if you have any further questions or concerns,

Mike

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, July 29, 2025 11:19 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: [EXTERNAL] Proposed Background Chloride Sample Locations for the Anne Com 15 TB Incident Number nAPP2516333795

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

Hello,

Matador Production Company (Matador) is requesting approval for potential *background chloride sample locations* at the Anne Com 15 TB (Site) (Incident Number nAPP2516333795). On June 11, 2025, a water line on a separator downstream of the water dump valve washed out resulting in the release of approximately 9 barrels

(bbls) of produced water; 5 bbls were recovered from the release area. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on June 12, 2025, via web portal. The release occurred on a pad and did not impact any off-pad areas.

This Site is located 1.75 miles west of the Janie Conner Slot 2 Well Pad Harold Melton Well 13 and 3.2 miles southeast of the Charlie Sweeney Fed TB (see Established Background Chloride Site Maps). Due to the proximity of this release to these sites with established background chloride concentrations, naturally occurring chloride concentrations exceeding the strictest Closure Criteria are expected to be encountered during delineation activities at the Site. Background sample locations have been marked in well vegetated areas according to satellite imagery (See Proposed Background Locations Map) that do not appear to have been disturbed by oil and gas activities. Please review these background sampling locations to confirm they are in areas with acceptable vegetation growth and non-disturbed features that the NMOCD would accept laboratory analytical results for use in developing naturally occurring chloride concentrations for this area and specifically for this Site.

Thanks,

Chad Hamilton
Project Geologist
940-923-0072
Ensolum, LLC

From: Buchanan, Michael, EMNRD
To: Chad Hamilton
Cc: Jason Touchet; Ashley Giovengo
Subject: RE: [EXTERNAL] Extension Request - Matador Production Company -Anne Com 15 TB - nAPP2516333795
Date: Wednesday, September 10, 2025 10:58:48 AM
Attachments: image001.png
image002.png
image003.png
image004.png

[**EXTERNAL EMAIL**]

Good morning, Chad

The 90-day extension request at Anne Com 15 TB (Site) (Incident Number nAPP2516333795) is approved. The incident file has been updated to reflect this change and the new deadline to submit a remediation closure report is 12/09/2025. Please keep a copy of this email chain for your records and submit it along with the next closure report.

Thank you,

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, September 9, 2025 8:32 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Jason Touchet <jason.touchet@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company -Anne Com 15 TB - nAPP2516333795

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

Mr. Buchanan,

Matador Production Company (Matador) is requesting an extension of the current deadline of September 9, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Anne Com 15 TB (Site) (Incident Number nAPP2516333795). The release occurred on June 11, 2025, and 9 barrels (bbls) of produced water were released onto the pad surface; 5 bbls of produced water were recovered. The release impacted an area approximately 676 square feet in size on-pad and on Private Land. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria is currently on-going. Investigation into the presence of naturally occurring chloride at the Site is also currently

ongoing. Excavation of the subject matter release will begin once delineation soil sampling activities have been completed at the Site. Matador intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Matador respectfully requests a 90-day extension until December 8, 2025. Please let me know if you have any further questions regarding this site.

Thanks

Chad Hamilton
Project Geologist
940-923-0072
Ensolum, LLC

From: Buchanan, Michael, EMNRD
To: Ashley Giovengo
Cc: Jason Touchet; Chad Hamilton
Subject: RE: [EXTERNAL] Extension Request - Matador Production Company - Anne Com 15 TB - nAPP2516333795
Date: Tuesday, December 9, 2025 2:01:56 PM
Attachments: image001.png
image002.png
image003.png

[**EXTERNAL EMAIL**]

Good afternoon, Ashley

Matador's request for a 90-day extension from the current deadline of 12/09/2025 is approved. The new due date to submit a closure report is 03/13/2026 and will be reflected in the application page for the incident. Please include a copy of this approval with the next report submission.

Thank you,

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Tuesday, December 9, 2025 9:32 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Jason Touchet <jason.touchet@matadorresources.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company - Anne Com 15 TB - nAPP2516333795

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

Hello all,

Matador Production Company (Matador) is requesting an extension of the current deadline of December 09, 2025, for submitting a remediation work plan or closure report as required in 19.15.29.12.B.(1) NMAC at the Anne Com 15 TB (Site) (Incident Number nAPP2516333795). On June 11, 2025, a water line on a separator downstream of the water dump valve washed out resulting in the release of approximately 9 barrels (bbls) of produced water; 5 bbls were recovered from the release area. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on June 12, 2025, via web portal. The release occurred on a pad and did not impact any off-pad areas. Lateral and vertical delineation soil sampling activities were completed on July 22, 2025, and background soil sampling activities were completed by August 19, 2025. A *background chloride variance request* was submitted to the NMOCD on September 15, 2025, and denied on September 19, 2025. On November 19, 2025,

Ensolum personnel, Matador personnel, and representatives from the NMOCD met to discuss the naturally occurring background chloride concentrations at the Site. During the meeting, it was determined that sample location BH03 should be considered as a background sample location due to its proximity to the release extent and that the borehole could be used as a guide for a second variance request. Matador submitted the revised *background chloride and sampling variance request* to NMOCD on November 21, 2025, and NMOCD's response is still pending. Excavation of the subject matter release will begin as soon as an approved background chloride variance is received. Matador intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Matador respectfully requests a 90-day extension until March 9, 2026. Please let me know if you have any further questions regarding this site.

Kind Regards,

Ashley Urzedo
Associate Principal
575-988-0055
Ensolum, LLC

"Your authenticity is your superpower." – Unknown

From: Buchanan, Michael, EMNRD
To: Chad Hamilton
Cc: Jason Touchet; Ashley Giovengo
Subject: RE: [EXTERNAL] Extension Request - Matador Production Company -Anne Com 15 TB - nAPP2516333795
Date: Tuesday, March 10, 2026 3:34:49 PM
Attachments: image001.png
image002.png
image003.png
image004.png

[**EXTERNAL EMAIL**]

Good afternoon, Chad

Matador is approved for a 90-day extension from the current deadline. The new due date is 06/08/2026. Keep a copy of this for your reference and include it with the closure report.

Thank you,

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, March 10, 2026 1:19 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Jason Touchet <jason.touchet@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company -Anne Com 15 TB - nAPP2516333795

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Mr. Buchanan,

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the naturally occurring background chloride concentrations at the Site. During the meeting, it was determined that sample location BH03 should be considered as a background sample location due to its proximity to the release extent and that the borehole could be used as a guide for a second variance request. Matador submitted the revised background chloride and sampling variance request to NMOCD on November 21, 2025, and NMOCD's and was approved on February 18, 2026. Excavation of the subject matter release will begin as soon as Matador selects a subcontractor for excavation of the release. Matador intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Matador respectfully requests a 90-day extension until June 8, 2026. Please let me know if you have any further questions regarding this site.

Kind Regards,

Chad Hamilton
Project Geologist
940-923-0072
Ensolum, LLC

Ashley Giovengo

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Wednesday, August 6, 2025 9:22 AM
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Cc: Ashley Giovengo; Jason Touchet
Subject: RE: [EXTERNAL] Proposed Background Chloride Sample Locations for the Anne Com 15 TB Incident Number nAPP2516333795

[**EXTERNAL EMAIL**]

Good morning, Chad

The OCD approves all four (4) proposed background locations for the Anne Com 15 TB. Please go ahead and proceed.

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Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
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Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
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Thanks,

Chad Hamilton
Project Geologist
940-923-0072
Ensolum, LLC

ENSOLUM

APPENDIX D

Photographic Log

ENSOLUM

Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



Photograph 1 Date: 06-18-2025
Description: Lease Signage
View: Southwest



Photograph 2 Date: 06-18-2025
Description: Lateral Delineation SS02
View: NorthWest



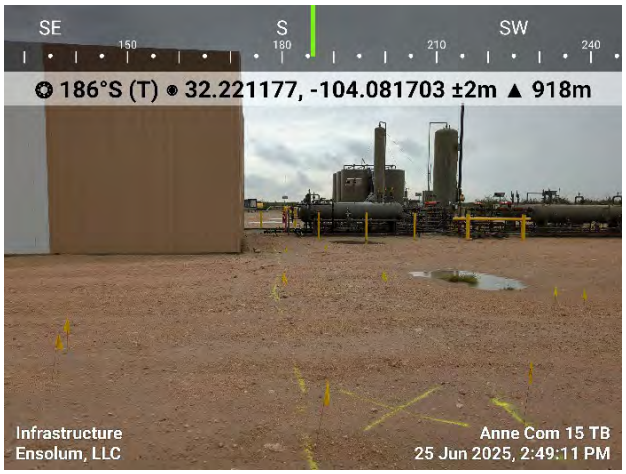
Photograph 3 Date: 06-18-2025
Description: Lateral Delineation SS03
View: Northwest



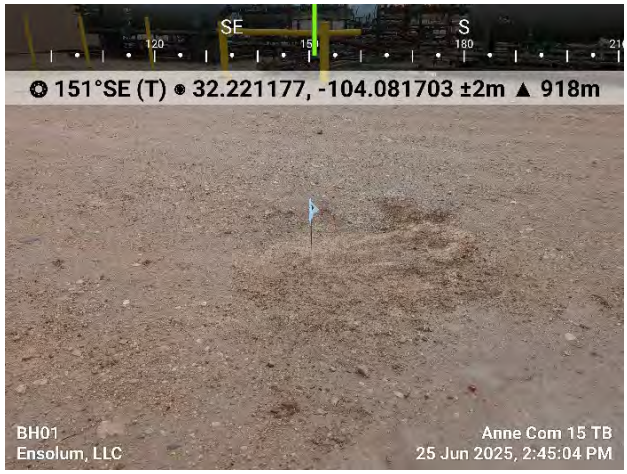
Photograph 4 Date: 06-18-2025
Description: Lateral Delineation SS05
View: South

ENSOLUM

Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



Photograph 5 Date: 06-25-2025
Description: Marked Infrastructure
View: South



Photograph 6 Date: 06-25-2025
Description: Vertical Delineation BH01
View: Southeast



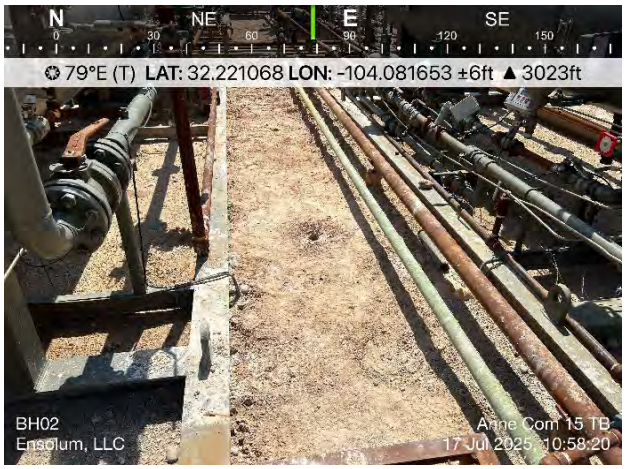
Photograph 7 Date: 06-26-2025
Description: Vertical Delineation BH02
View: East



Photograph 8 Date: 06-26-2025
Description: Vertical Delineation BH03
View: East

ENSOLUM

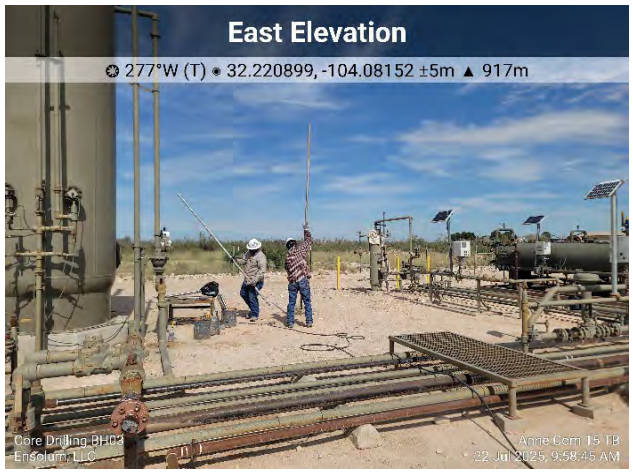
Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



Photograph 9 Date: 07-17-2025
Description: BH02
View: East



Photograph 10 Date: 07-21-2025
Description: BH03
View: North



Photograph 11 Date: 07-22-2025
Description: Core Drilling BH03
View: West



Photograph 12 Date: 08-13-2025
Description: BG01
View: Northeast

ENSOLUM

Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



Photograph 13 Date: 08-13-2025
Description: BG04
View: Northeast



Photograph 14 Date: 08-18-2025
Description: BG02
View: West



Photograph 15 Date: 08-19-2025
Description: BG01
View: West



Photograph 16 Date: 08-19-2025
Description: BG04
View: Southeast

ENSOLUM

Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



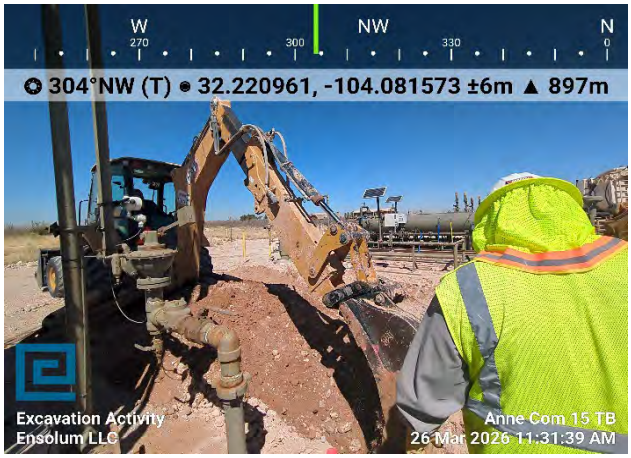
Photograph 17 Date: 02-20-2026
Description: SS10
View: South



Photograph 18 Date: 02-20-2026
Description: SS09
View: East



Photograph 19 Date: 03-26-2026
Description: Hydrovac Activities
View: Southwest



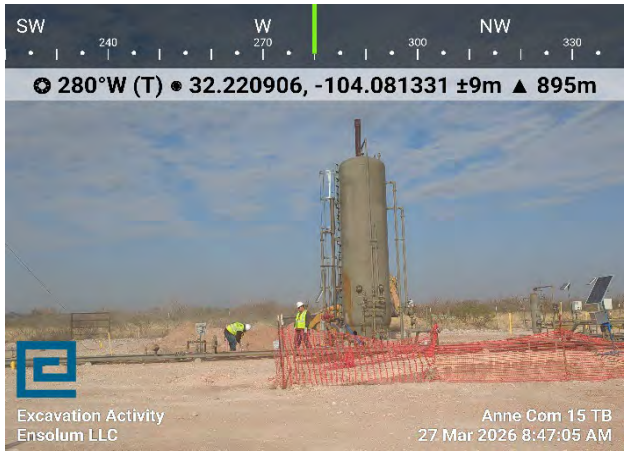
Photograph 20 Date: 03-26-2026
Description: Excavation Activities
View: Northwest

ENSOLUM

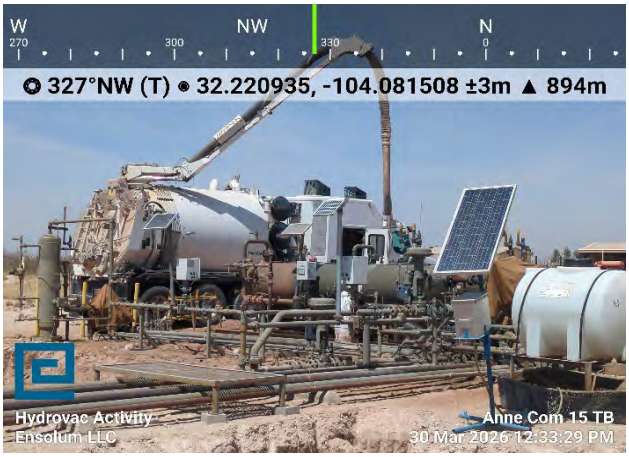
Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



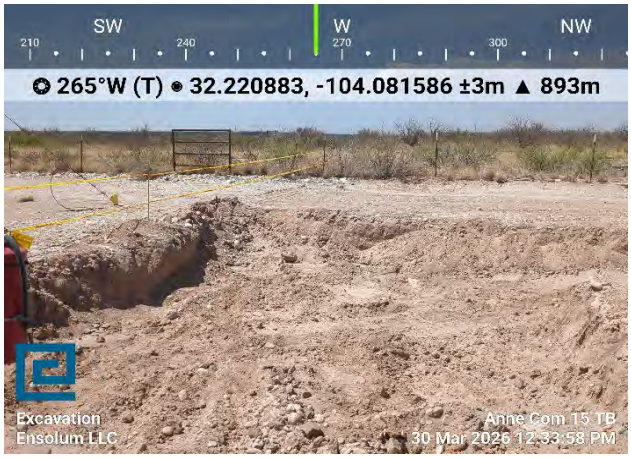
Photograph 21 Date: 03-27-2026
Description: Excavation Activities
View: South



Photograph 22 Date: 03-27-2026
Description: Excavation Activities
View: East



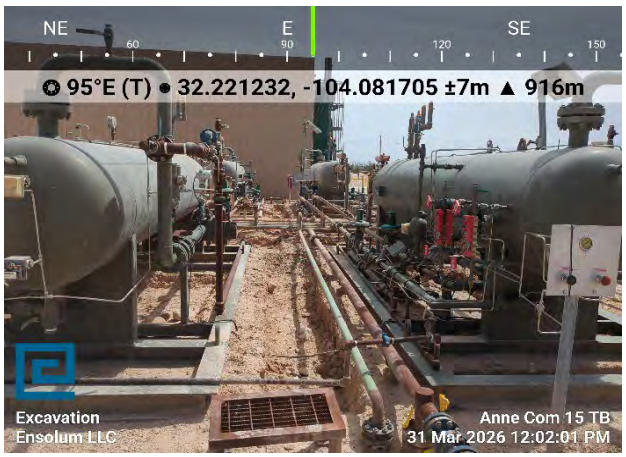
Photograph 23 Date: 03-30-2026
Description: Hydrovac Activities
View: Southwest



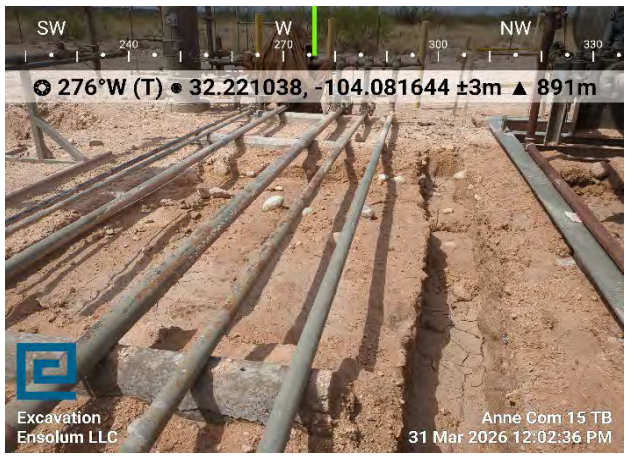
Photograph 24 Date: 03-30-2026
Description: Excavation Area
View: Northwest

ENSOLUM

Photographic Log
Matador Production Company
Anne Com 15 TB
Incident Number nAPP2516333795



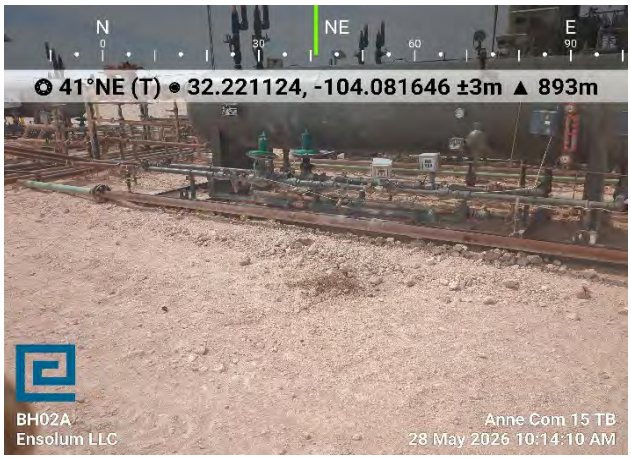
Photograph 25 Date: 03-31-2026
Description: Excavation Area
View: East



Photograph 26 Date: 03-31-2026
Description: Excavation Area
View: West



Photograph 27 Date: 05-28-2026
Description: BH02B
View: Northeast



Photograph 28 Date: 05-28-2026
Description: BH02A
View: Northeast

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E506165
Job Number:	23003-0002
Received:	6/20/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/26/25

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

Date Reported: 6/26/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E506165
Date Received: 6/20/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/20/2025 6:30:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/26/25 10:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E506165-01A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS01-1'	E506165-02A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS02-0'	E506165-03A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS02-1'	E506165-04A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS03-0'	E506165-05A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS03-1'	E506165-06A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS04-0'	E506165-07A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS04-1'	E506165-08A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS05-0'	E506165-09A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS05-1'	E506165-10A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS03A-0'	E506165-11A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.
SS03A-1'	E506165-12A	Soil	06/19/25	06/20/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS01-0'

E506165-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.7 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	ND	100	5	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS01-1'

E506165-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.6 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	**240**	100	5	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS02-0'

E506165-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.1 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	**281**	20.0	1	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS02-1'

E506165-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	**263**	20.0	1	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS03-0'

E506165-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	**387**	20.0	1	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS03-1'

E506165-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	**313**	20.0	1	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS04-0'

E506165-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	ND	20.0	1	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS04-1'

E506165-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	**33.4**	20.0	1	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS05-0'

E506165-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	ND	100	5	06/20/25	06/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

SS05-1'

E506165-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525100
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/20/25*	*06/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2525108
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/22/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*06/20/25*	*06/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525103
Chloride	ND	100	5	06/20/25	06/20/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525100-BLK1)									Prepared: 06/20/25 Analyzed: 06/20/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.37*		*8.00*		*105*	*70-130*			
LCS (2525100-BS1)									Prepared: 06/20/25 Analyzed: 06/20/25
Benzene	5.50	0.0250	5.00		110	70-130			
Ethylbenzene	5.38	0.0250	5.00		108	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
o-Xylene	5.26	0.0250	5.00		105	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.33*		*8.00*		*104*	*70-130*			
Matrix Spike (2525100-MS1)				**Source: E506164-05**					Prepared: 06/20/25 Analyzed: 06/20/25
Benzene	5.63	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.51	0.0250	5.00	ND	110	70-130			
Toluene	5.57	0.0250	5.00	ND	111	70-130			
o-Xylene	5.40	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130			
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.33*		*8.00*		*104*	*70-130*			
Matrix Spike Dup (2525100-MSD1)				**Source: E506164-05**					Prepared: 06/20/25 Analyzed: 06/20/25
Benzene	5.32	0.0250	5.00	ND	106	70-130	5.55	27	
Ethylbenzene	5.19	0.0250	5.00	ND	104	70-130	5.91	26	
Toluene	5.27	0.0250	5.00	ND	105	70-130	5.64	20	
o-Xylene	5.09	0.0250	5.00	ND	102	70-130	6.01	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	5.73	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	5.82	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.40*		*8.00*		*105*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525100-BLK1)									Prepared: 06/20/25 Analyzed: 06/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			
LCS (2525100-BS2)									Prepared: 06/20/25 Analyzed: 06/20/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.97*		*8.00*		*99.6*	*70-130*			
Matrix Spike (2525100-MS2)				**Source: E506164-05**					Prepared: 06/20/25 Analyzed: 06/20/25
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.94*		*8.00*		*99.2*	*70-130*			
Matrix Spike Dup (2525100-MSD2)				**Source: E506164-05**					Prepared: 06/20/25 Analyzed: 06/20/25
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	89.9	70-130	5.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.93*		*8.00*		*99.1*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525108-BLK1)									Prepared: 06/20/25 Analyzed: 06/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.4*		*50.0*		*101*	*61-141*			
LCS (2525108-BS1)									Prepared: 06/20/25 Analyzed: 06/22/25
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*61-141*			
Matrix Spike (2525108-MS1)				**Source: E506165-01**					Prepared: 06/20/25 Analyzed: 06/22/25
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	*54.9*		*50.0*		*110*	*61-141*			
Matrix Spike Dup (2525108-MSD1)				**Source: E506165-01**					Prepared: 06/20/25 Analyzed: 06/22/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	5.45	20	
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 10:10:05AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525103-BLK1)									Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525103-BS1)									Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2525103-MS1)				**Source: E506164-04**					Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2525103-MSD1)				**Source: E506164-04**					Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	257	20.0	250	ND	103	80-120	0.608	20	

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/26/25 10:10

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E50011165	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002		X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Samle Temp	Remarks
1334	6/19/2025	S	1	SS01 - 0'		1								X		0.8	
1400	6/19/2025	S	1	SS01 - 1'		2								X		0.6	
1114	6/19/2025	S	1	SS02 - 0'		3								X		1.0	
1248	6/19/2025	S	1	SS02 - 1'		4								X		2.4	
1502	6/19/2025	S	1	SS03 - 0'		5								X		1.3	
1506	6/19/2025	S	1	SS03 - 1'		6								X		1.0	
1338	6/19/2025	S	1	SS04 - 0'		7								X		1.0	
1404	6/19/2025	S	1	SS04 - 1'		8								X		2.6	
956	6/19/2025	S	1	SS05 - 0'		9								X		1.5	
1302	6/19/2025	S	1	SS05 - 1'		10								X		2.9	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	06-19-25	0730	Tessa Parker	6-19-25	1030
Tessa Parker	6-19-25	1630	Camden Briggs	6-19-25	1745
Camden Briggs	6-20-25	0045	Caitlin Mair	6-20-25	630

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E506165	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002		X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Remarks
1514	6/19/2025	S	1	SS03A - 0'		11									X			1.9	Run BGDOC ONLY IF SS03 >100 TPH OR >600 Cl
1518	6/19/2025	S	1	SS03A - 1'		12									X			2.6	Run BGDOC ONLY IF SS03 >100 TPH OR >600 Cl

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	06-19-25	0730	Corrections Parker	6.19.25	1030
Corrections Parker	6.19.25	1630	Camden Briggs	6-19-25	1745
Camden Briggs	6-20-25	0045	Caitlin Mar	6.20.25	630
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/20/2025 7:55:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	06/20/25 06:30	Work Order ID:	E506165
Phone:	(972) 371-5200	Date Logged In:	06/19/25 13:34	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/26/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Client Remarks- Run BGDOC on SS03A-0 & SS03A-1 Only if SS03 >100 TPH or >600CL.

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E506259
Job Number:	23003-0002
Received:	6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/2/25

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

Date Reported: 7/2/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E506259
Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/02/25 12:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0.5'	E506259-01A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
BH01-1'	E506259-02A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
BH01-2'	E506259-03A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

BH01-0.5'

E506259-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2526143
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*06/27/25*	*06/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2526143
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.7 %*	*70-130*	*06/27/25*	*06/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*06/30/25*	*07/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527044
Chloride	**2040**	40.0	2	07/01/25	07/01/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

BH01-1'

E506259-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2526143
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*06/27/25*	*06/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2526143
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.5 %*	*70-130*	*06/27/25*	*06/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*06/30/25*	*07/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527044
Chloride	**939**	100	5	07/01/25	07/01/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

BH01-2'

E506259-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2526143
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*06/27/25*	*06/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2526143
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.7 %*	*70-130*	*06/27/25*	*06/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*06/30/25*	*07/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527044
Chloride	**241**	200	10	07/01/25	07/01/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526143-BLK1)									Prepared: 06/27/25 Analyzed: 06/28/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2526143-BS1)									Prepared: 06/27/25 Analyzed: 06/28/25
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.8	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2526143-MS1)				**Source: E506250-01**					Prepared: 06/27/25 Analyzed: 06/28/25
Benzene	5.26	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130			
Toluene	5.23	0.0250	5.00	ND	105	70-130			
o-Xylene	5.19	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.75*		*8.00*		*96.9*	*70-130*			
Matrix Spike Dup (2526143-MSD1)				**Source: E506250-01**					Prepared: 06/27/25 Analyzed: 06/28/25
Benzene	5.21	0.0250	5.00	ND	104	70-130	1.00	27	
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130	0.899	26	
Toluene	5.18	0.0250	5.00	ND	104	70-130	0.926	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	1.24	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	1.10	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	1.15	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.69*		*8.00*		*96.2*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526143-BLK1)									Prepared: 06/27/25 Analyzed: 06/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*88.9*	*70-130*			
LCS (2526143-BS2)									Prepared: 06/27/25 Analyzed: 06/28/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.92*		*8.00*		*86.6*	*70-130*			
Matrix Spike (2526143-MS2)				**Source: E506250-01**					Prepared: 06/27/25 Analyzed: 06/28/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.54*		*8.00*		*81.7*	*70-130*			
Matrix Spike Dup (2526143-MSD2)				**Source: E506250-01**					Prepared: 06/27/25 Analyzed: 06/28/25
Gasoline Range Organics (C6-C10)	40.7	20.0	50.0	ND	81.4	70-130	12.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.66*		*8.00*		*83.3*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2527038-BLK1)									Prepared: 06/30/25 Analyzed: 07/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.6*		*50.0*		*95.1*	*61-141*			
LCS (2527038-BS1)									Prepared: 06/30/25 Analyzed: 07/01/25
Diesel Range Organics (C10-C28)	236	25.0	250		94.3	66-144			
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*61-141*			
Matrix Spike (2527038-MS1)				**Source: E506262-02**					Prepared: 06/30/25 Analyzed: 07/01/25
Diesel Range Organics (C10-C28)	302	25.0	250	30.2	109	56-156			
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*61-141*			
Matrix Spike Dup (2527038-MSD1)				**Source: E506262-02**					Prepared: 06/30/25 Analyzed: 07/01/25
Diesel Range Organics (C10-C28)	291	25.0	250	30.2	104	56-156	3.69	20	
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:50:36PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2527044-BLK1)									Prepared: 07/01/25 Analyzed: 07/01/25
Chloride	ND	20.0							
LCS (2527044-BS1)									Prepared: 07/01/25 Analyzed: 07/01/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2527044-MS1)				**Source: E506258-03**					Prepared: 07/01/25 Analyzed: 07/01/25
Chloride	1110	20.0	250	737	149	80-120			M4
Matrix Spike Dup (2527044-MSD1)				**Source: E506258-03**					Prepared: 07/01/25 Analyzed: 07/01/25
Chloride	1370	20.0	250	737	253	80-120	21.0	20	M4, R3

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/02/25 12:50

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E506259	Job Number 23003.0002	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1420	6/25/2025	S	1	BH01 - 0.5'		1									X			2.0	
1423	6/25/2025	S	1	BH01 - 1'		2									X			2.4	
1426	6/25/2025	S	1	BH01 - 2'		3									X			2.1	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	06-26-25	0700	Michelle Gonzales	6.26.25	0700
Michelle Gonzales	6.26.25	1620		6.26.25	1620
	6.26.25	2300	Caitlyn Mar	6.27.25	700

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/27/2025 1:48:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	06/27/25 07:00	Work Order ID:	E506259
Phone:	(972) 371-5200	Date Logged In:	06/26/25 15:32	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/03/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

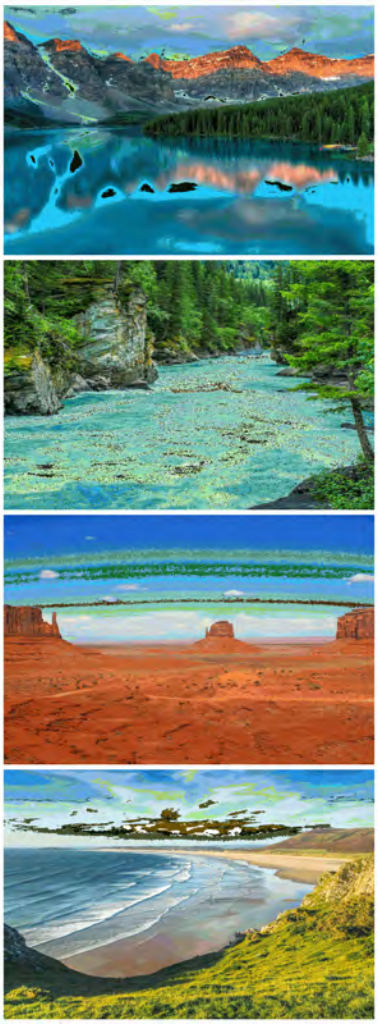
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E506287
Job Number:	23003-0002
Received:	6/28/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/7/25

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

Date Reported: 7/7/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E506287
Date Received: 6/28/2025 9:30:58AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2025 9:30:58AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/07/25 16:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E506287-01A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-0'	E506287-02A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-0.5'	E506287-03A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-1'	E506287-04A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-2'	E506287-05A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-3'	E506287-06A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-4'	E506287-07A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH02-5'	E506287-08A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-0'	E506287-09A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-0.5'	E506287-10A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-1'	E506287-11A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-2'	E506287-12A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-3'	E506287-13A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-4'	E506287-14A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-6'	E506287-15A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-8'	E506287-16A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-10'	E506287-17A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-12'	E506287-18A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-14'	E506287-19A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
BH03-16'	E506287-20A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH01-0'

E506287-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/02/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/02/25*	*07/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	ND	40.0	2	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-0'

E506287-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	**0.0296**	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	**0.0253**	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	**0.0632**	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/02/25	
Surrogate: n-Nonane		*99.9 %*	*61-141*	*07/02/25*	*07/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**11300**	200	10	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-0.5'

E506287-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/02/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*07/02/25*	*07/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**7550**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-1'

E506287-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/02/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/02/25*	*07/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**7790**	200	10	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-2'

E506287-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/02/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*07/02/25*	*07/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**5730**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-3'

E506287-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/02/25	
Surrogate: n-Nonane		*98.3 %*	*61-141*	*07/02/25*	*07/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**6590**	200	10	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-4'

E506287-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*96.8 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**3750**	200	10	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH02-5'

E506287-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*99.9 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**2400**	200	10	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-0'

E506287-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**6610**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-0.5'

E506287-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**7580**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-1'

E506287-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**4170**	40.0	2	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-2'

E506287-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.5 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**2860**	40.0	2	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-3'

E506287-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*99.1 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**1410**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-4'

E506287-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.9 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*99.5 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**1410**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-6'

E506287-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*99.4 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**1920**	100	5	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-8'

E506287-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*97.9 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**2520**	200	10	07/03/25	07/06/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-10'

E506287-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**3320**	200	10	07/03/25	07/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-12'

E506287-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**3220**	200	10	07/03/25	07/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-14'

E506287-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**2320**	40.0	2	07/03/25	07/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

BH03-16'

E506287-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526176
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2527066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2527116
Chloride	**1630**	40.0	2	07/03/25	07/07/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526176-BLK1)									Prepared: 06/28/25 Analyzed: 07/02/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.8*	*70-130*			
LCS (2526176-BS1)									Prepared: 06/28/25 Analyzed: 07/02/25
Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.25	0.0250	5.00		105	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike (2526176-MS1)				**Source: E506287-12**					Prepared: 06/28/25 Analyzed: 07/02/25
Benzene	5.23	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.21	0.0250	5.00	ND	104	70-130			
Toluene	5.23	0.0250	5.00	ND	105	70-130			
o-Xylene	5.21	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike Dup (2526176-MSD1)				**Source: E506287-12**					Prepared: 06/28/25 Analyzed: 07/02/25
Benzene	5.71	0.0250	5.00	ND	114	70-130	8.81	27	
Ethylbenzene	5.71	0.0250	5.00	ND	114	70-130	9.13	26	
Toluene	5.72	0.0250	5.00	ND	114	70-130	8.91	20	
o-Xylene	5.67	0.0250	5.00	ND	113	70-130	8.50	25	
p,m-Xylene	11.6	0.0500	10.0	ND	116	70-130	9.08	23	
Total Xylenes	17.2	0.0250	15.0	ND	115	70-130	8.89	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526176-BLK1)									Prepared: 06/28/25 Analyzed: 07/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.06*		*8.00*		*101*	*70-130*			
LCS (2526176-BS2)									Prepared: 06/28/25 Analyzed: 07/02/25
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.20*		*8.00*		*103*	*70-130*			
Matrix Spike (2526176-MS2)				**Source: E506287-12**					Prepared: 06/28/25 Analyzed: 07/02/25
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.40*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2526176-MSD2)				**Source: E506287-12**					Prepared: 06/28/25 Analyzed: 07/02/25
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	13.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.33*		*8.00*		*104*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2527066-BLK1)									Prepared: 07/02/25 Analyzed: 07/02/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.0*		*50.0*		*92.0*	*61-141*			
LCS (2527066-BS1)									Prepared: 07/02/25 Analyzed: 07/02/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	66-144			
Surrogate: n-Nonane	*47.2*		*50.0*		*94.5*	*61-141*			
Matrix Spike (2527066-MS1)				**Source: E506287-13**					Prepared: 07/02/25 Analyzed: 07/02/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			
Matrix Spike Dup (2527066-MSD1)				**Source: E506287-13**					Prepared: 07/02/25 Analyzed: 07/02/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156	7.04	20	
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/7/2025 4:18:02PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2527116-BLK1)									Prepared: 07/03/25 Analyzed: 07/06/25
Chloride	ND	20.0							
LCS (2527116-BS1)									Prepared: 07/03/25 Analyzed: 07/06/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2527116-MS1)				**Source: E506287-05**					Prepared: 07/03/25 Analyzed: 07/06/25
Chloride	5970	100	250	5730	96.4	80-120			
Matrix Spike Dup (2527116-MSD1)				**Source: E506287-05**					Prepared: 07/03/25 Analyzed: 07/06/25
Chloride	5620	100	250	5730	NR	80-120	6.10	20	M4

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/07/25 16:18

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E606287	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003.0002		X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1112	6/26/2025	S	1	BH01 - 0'		1									X			3.5	
1312	6/26/2625	S	1	BH02 - 0'		2									X			3.0	
1325	6/26/3225	S	1	BH02 - 0.5'		3									X			2.8	
1327	6/26/3825	S	1	BH02 - 1'		4									X			2.6	
1400	6/26/4425	S	1	BH02 - 2'		5									X			2.4	
1404	6/26/2625	S	1	BH02 - 3		6									X			3.1	
1406	6/26/2025	S	1	BH02 - 4'		7									X			3.4	
1410	6/26/2625	S	1	BH02 - 5'		8									X			2.6	
1000	6/26/2025	S	1	BH03 - 0'		9									X			2.4	
1002	2/26/1964	S	1	BH03 - 0.5'		10									X			3.0	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	06-27-25	0700	Michelle Gonzales	6.27.25	0700
Michelle Gonzales	6.27.25	1645	[signature]	6.27.25	1730
[signature]	6.27.25	2400	Caitlin Mar	06-28-25	980
				CM	

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: Y / N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E506287	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23C05002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information / **Analysis and Method** / **EPA Program**

EPA Program: SDWA | CWA | RCRA; Compliance Y or N; PWSID #

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Samle Temp	Remarks
1004	6/26/2025	S	1	BH03 - 1'		11								X		3.1	
1006	6/26/2025	S	1	BH03 - 2'		12								X		3.1	
1008	6/26/2025	S	1	BH03 - 3'		13								X		2.8	
1010	6/26/2025	S	1	BH03 - 4'		14								X		2.6	
1056	6/26/2025	S	1	BH03 - 6'		15								X		2.2	
1110	6/26/2025	S	1	BH03 - 8'		16								X		2.0	
1150	6/26/2025	S	1	BH03 - 10'		17								X		2.4	
1210	6/26/2025	S	1	BH03 - 12'		18								X		2.1	
1240	6/26/2025	S	1	BH03 - 14'		19								X		2.2	
1300	6/26/2025	S	1	BH03 - 16'		20								X		2.6	

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michelle Gonzales	06-27-25	0700	Michelle Gonzales	6.27.25	0700
Michelle Gonzales	6.27.25	1645		6.27.25	1730
	6.27.25	2400		6.28.25	930

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/30/2025 9:38:17AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	06/28/25 09:30	Work Order ID:	E506287
Phone:	(972) 371-5200	Date Logged In:	06/27/25 15:36	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/07/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

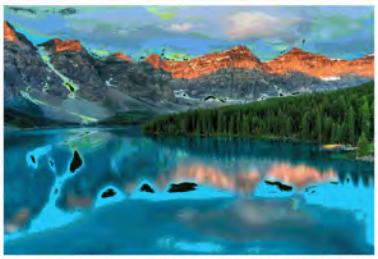
Signature of client authorizing changes to the COC or sample disposition.

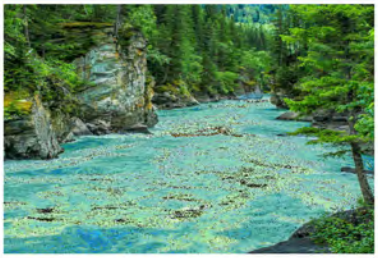
Date

envirotech Inc.

Report to:

Ashley Giovengo









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E507209
Job Number:	23003-0002
Received:	7/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/25/25

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

Date Reported: 7/25/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E507209
Date Received: 7/18/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2025 7:30:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/25/25 09:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-7'	E507209-01A	Soil	07/16/25	07/18/25	Glass Jar, 2 oz.
BH02-9'	E507209-02A	Soil	07/16/25	07/18/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/25/2025 9:59:05AM

BH02-7'

E507209-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2530033
Benzene	ND	0.0250	1	07/21/25	07/22/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/22/25	
Toluene	ND	0.0250	1	07/21/25	07/22/25	
o-Xylene	ND	0.0250	1	07/21/25	07/22/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/22/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/22/25	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/21/25*	*07/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*07/21/25*	*07/22/25*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/21/25*	*07/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2530033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/22/25	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/21/25*	*07/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*07/21/25*	*07/22/25*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/21/25*	*07/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530091
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		*81.8 %*	*61-141*	*07/23/25*	*07/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530071
Chloride	**1030**	200	10	07/23/25	07/23/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/25/2025 9:59:05AM

BH02-9'

E507209-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2530033
Benzene	ND	0.0250	1	07/21/25	07/23/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/23/25	
Toluene	ND	0.0250	1	07/21/25	07/23/25	
o-Xylene	ND	0.0250	1	07/21/25	07/23/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/23/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/23/25	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*07/21/25*	*07/23/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*07/21/25*	*07/23/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/21/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2530033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/23/25	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*07/21/25*	*07/23/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*07/21/25*	*07/23/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/21/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530091
Diesel Range Organics (C10-C28)	**129**	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	**76.3**	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		*83.7 %*	*61-141*	*07/23/25*	*07/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530071
Chloride	**819**	200	10	07/23/25	07/23/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/25/2025 9:59:05AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530033-BLK1)									Prepared: 07/21/25 Analyzed: 07/22/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2530033-BS1)									Prepared: 07/21/25 Analyzed: 07/22/25
Benzene	2.23	0.0250	2.50		89.3	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.0	70-130			
Toluene	2.24	0.0250	2.50		89.5	70-130			
o-Xylene	2.38	0.0250	2.50		95.1	70-130			
p,m-Xylene	4.73	0.0500	5.00		94.6	70-130			
Total Xylenes	7.11	0.0250	7.50		94.8	70-130			
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
Matrix Spike (2530033-MS1)				**Source: E507202-02**					Prepared: 07/21/25 Analyzed: 07/22/25
Benzene	2.57	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.64	0.0250	2.50	ND	106	45-135			
Toluene	2.53	0.0250	2.50	ND	101	48-130			
o-Xylene	2.67	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135			
Total Xylenes	7.99	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	*0.558*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2530033-MSD1)				**Source: E507202-02**					Prepared: 07/21/25 Analyzed: 07/22/25
Benzene	2.34	0.0250	2.50	ND	93.4	48-131	9.66	23	
Ethylbenzene	2.47	0.0250	2.50	ND	98.8	45-135	6.68	27	
Toluene	2.35	0.0250	2.50	ND	94.0	48-130	7.20	24	
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135	7.82	27	
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135	8.31	27	
Total Xylenes	7.37	0.0250	7.50	ND	98.2	43-135	8.14	27	
Surrogate: Bromofluorobenzene	*0.566*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/25/2025 9:59:05AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530033-BLK1)									Prepared: 07/21/25 Analyzed: 07/22/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2530033-BS2)									Prepared: 07/21/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	*0.571*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2530033-MS2)				**Source: E507202-02**					Prepared: 07/21/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	*0.555*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2530033-MSD2)				**Source: E507202-02**					Prepared: 07/21/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130	7.05	20	
Surrogate: Bromofluorobenzene	*0.565*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/25/2025 9:59:05AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530091-BLK1)									Prepared: 07/23/25 Analyzed: 07/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*38.5*		*50.0*		*77.0*	*61-141*			
LCS (2530091-BS1)									Prepared: 07/23/25 Analyzed: 07/23/25
Diesel Range Organics (C10-C28)	222	25.0	250		88.7	66-144			
Surrogate: n-Nonane	*39.5*		*50.0*		*79.1*	*61-141*			
Matrix Spike (2530091-MS1)				**Source: E507201-04**					Prepared: 07/23/25 Analyzed: 07/23/25
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.0	56-156			
Surrogate: n-Nonane	*42.2*		*50.0*		*84.4*	*61-141*			
Matrix Spike Dup (2530091-MSD1)				**Source: E507201-04**					Prepared: 07/23/25 Analyzed: 07/23/25
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.9	56-156	5.51	20	
Surrogate: n-Nonane	*40.6*		*50.0*		*81.2*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/25/2025 9:59:05AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530071-BLK1)									Prepared: 07/23/25 Analyzed: 07/23/25
Chloride	ND	20.0							
LCS (2530071-BS1)									Prepared: 07/23/25 Analyzed: 07/23/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2530071-MS1)				**Source: E507275-04**					Prepared: 07/23/25 Analyzed: 07/23/25
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2530071-MSD1)				**Source: E507275-04**					Prepared: 07/23/25 Analyzed: 07/23/25
Chloride	253	20.0	250	ND	101	80-120	1.14	20	

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/25/25 09:59

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech Analytical Lab

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E507209	Job Number 23103-0002	1D 2D 3D Std: x	NM: x CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
14:58	7/16/2025	Soil	1	BH02 - 7'		1									X			2.7	
16:17	7/16/2025	Soil	1	BH02 - 9'		2									X			3.5	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Israel Estrella / Eric Plugge

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/17/25	7:11		7.17.25	1527
	7.17.25	1445	Marissa Gonzales	7-17-25	1445
Marissa Gonzales	7-17-25	1945		7.17.25	1945
	7.18.25	0130	Cartho Mar	7.18.25	730

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/18/2025 9:08:30AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	07/18/25 07:30	Work Order ID:	E507209
Phone:	(972) 371-5200	Date Logged In:	07/17/25 15:38	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/25/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E507270
Job Number:	23003-0002
Received:	7/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/25

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

Date Reported: 7/29/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E507270
Date Received: 7/23/2025 7:30:39AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2025 7:30:39AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/29/25 17:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-10'	E507270-01A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
BH02-11'	E507270-02A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
BH03-18'	E507270-03A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
BH03-20'	E507270-04A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
BH03-22	E507270-05A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
BH03-23	E507270-06A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

BH02-10'

E507270-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/28/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/28/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531025
Chloride	**266**	200	10	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

BH02-11'

E507270-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/28/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*07/28/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531025
Chloride	ND	200	10	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

BH03-18'

E507270-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/28/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/28/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531025
Chloride	**1420**	40.0	2	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

BH03-20'

E507270-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531025
Chloride	**1240**	40.0	2	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

BH03-22

E507270-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*98.4 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531025
Chloride	**1290**	20.0	1	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

BH03-23

E507270-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530151
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531025
Chloride	**1130**	20.0	1	07/28/25	07/29/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530151-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2530151-BS1)									Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.14	0.0250	5.00		103	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.36*		*8.00*		*92.0*	*70-130*			
Matrix Spike (2530151-MS1)				**Source: E507305-01**					Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	4.88	0.0250	5.00	ND	97.5	70-130			
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	70-130			
Toluene	4.82	0.0250	5.00	ND	96.4	70-130			
o-Xylene	4.80	0.0250	5.00	ND	96.1	70-130			
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	70-130			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.33*		*8.00*		*91.6*	*70-130*			
Matrix Spike Dup (2530151-MSD1)				**Source: E507305-01**					Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	4.83	0.0250	5.00	ND	96.6	70-130	0.960	27	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	70-130	0.854	26	
Toluene	4.78	0.0250	5.00	ND	95.6	70-130	0.774	20	
o-Xylene	4.76	0.0250	5.00	ND	95.1	70-130	0.967	25	
p,m-Xylene	9.51	0.0500	10.0	ND	95.1	70-130	0.744	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.1	70-130	0.818	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.35*		*8.00*		*91.8*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530151-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.72*		*8.00*		*84.0*	*70-130*			
LCS (2530151-BS2)									Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.11*		*8.00*		*88.9*	*70-130*			
Matrix Spike (2530151-MS2)				**Source: E507305-01**					Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			
Matrix Spike Dup (2530151-MSD2)				**Source: E507305-01**					Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	2.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531033-BLK1)									Prepared: 07/28/25 Analyzed: 07/28/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.0*		*50.0*		*102*	*61-141*			
LCS (2531033-BS1)									Prepared: 07/28/25 Analyzed: 07/28/25
Diesel Range Organics (C10-C28)	265	25.0	250		106	66-144			
Surrogate: n-Nonane	*50.4*		*50.0*		*101*	*61-141*			
Matrix Spike (2531033-MS1)				**Source: E507270-05**					Prepared: 07/28/25 Analyzed: 07/28/25
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*61-141*			
Matrix Spike Dup (2531033-MSD1)				**Source: E507270-05**					Prepared: 07/28/25 Analyzed: 07/28/25
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156	9.61	20	
Surrogate: n-Nonane	*57.7*		*50.0*		*115*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/29/2025 5:18:10PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531025-BLK1)									Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	ND	20.0							
LCS (2531025-BS1)									Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531025-MS1)				**Source: E507271-01**					Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	9120	200	250	9600	NR	80-120			M2
Matrix Spike Dup (2531025-MSD1)				**Source: E507271-01**					Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	9430	200	250	9600	NR	80-120	3.35	20	M2

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/29/25 17:18

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E507270	1D 2D 3D Std	NM CO UT TX
Project: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23C03-0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
10:10	7/21/2025	S	1	BH02-10'		1						X						2.2
10:23	7/21/2025	S	1	BH02-11'		2						X					2.6	Only run for BGDOC if BH02-10' is greater than 100 TPH and 600 Cl-
12:30	7/21/2025	S	1	BH03-18'		3						X						3.0
13:39	7/21/2025	S	1	BH03-20'		4						X						1.7
14:17	7/21/2025	S	1	BH03-22		5						X						2.9
14:30	7/21/2025	S	1	BH03-23		6						X						3.6

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/22/25	7:11	Michelle Gonzales	7-22-25	0711
Michelle Gonzales	7-22-25	1445	Marissa Gonzales	7-22-25	1445
Marissa Gonzales	7-22-25	1825		7.22.25	1825
	7.22.25	2230		7.23.25	730

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 7/23/2025 8:37:53AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	07/23/25 07:30	Work Order ID:	E507270
Phone:	(972) 371-5200	Date Logged In:	07/22/25 14:22	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/30/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Client Remark- Only Run Sample BH02-11 if BH02-10 is greater than 100 TPH and 600 CL.

Client Instruction

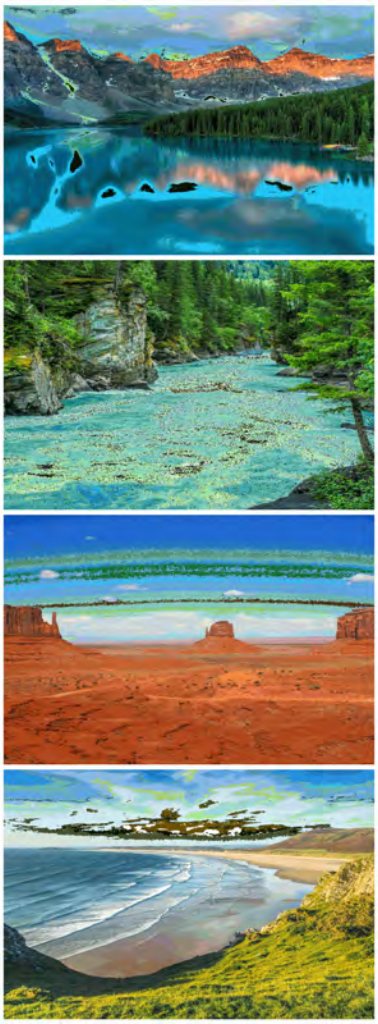
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E507282
Job Number:	23003-0002
Received:	7/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/25

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

Date Reported: 7/30/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E507282
Date Received: 7/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2025 8:00:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/30/25 15:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-25'	E507282-01A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH03-27'	E507282-02A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH03-29'	E507282-03A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH03-30'	E507282-04A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

BH03-25'

E507282-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Benzene	ND	0.0250	1	07/25/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/30/25	
Toluene	ND	0.0250	1	07/25/25	07/30/25	
o-Xylene	ND	0.0250	1	07/25/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.2 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2531036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/30/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*07/28/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531037
Chloride	**741**	20.0	1	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

BH03-27'

E507282-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Benzene	ND	0.0250	1	07/25/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/30/25	
Toluene	ND	0.0250	1	07/25/25	07/30/25	
o-Xylene	ND	0.0250	1	07/25/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.5 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2531036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/30/25	
Surrogate: n-Nonane		*95.8 %*	*61-141*	*07/28/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531037
Chloride	**908**	20.0	1	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

BH03-29'

E507282-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Benzene	ND	0.0250	1	07/25/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/30/25	
Toluene	ND	0.0250	1	07/25/25	07/30/25	
o-Xylene	ND	0.0250	1	07/25/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2531036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/30/25	
Surrogate: n-Nonane		*95.5 %*	*61-141*	*07/28/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531037
Chloride	**1060**	20.0	1	07/28/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

BH03-30'

E507282-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Benzene	ND	0.0250	1	07/25/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/30/25	
Toluene	ND	0.0250	1	07/25/25	07/30/25	
o-Xylene	ND	0.0250	1	07/25/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530159
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*07/25/25*	*07/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2531036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/30/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*07/28/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531037
Chloride	**1050**	20.0	1	07/28/25	07/29/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530159-BLK1)									Prepared: 07/25/25 Analyzed: 07/29/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.99*		*8.00*		*87.4*	*70-130*			
LCS (2530159-BS1)									Prepared: 07/25/25 Analyzed: 07/30/25
Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.53	0.0250	5.00		111	70-130			
Toluene	5.56	0.0250	5.00		111	70-130			
o-Xylene	5.46	0.0250	5.00		109	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.6	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.84*		*8.00*		*85.5*	*70-130*			
Matrix Spike (2530159-MS1)				**Source: E507283-05**					Prepared: 07/25/25 Analyzed: 07/30/25
Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.58	0.0250	5.00	ND	91.6	70-130			
Toluene	4.63	0.0250	5.00	ND	92.6	70-130			
o-Xylene	4.57	0.0250	5.00	ND	91.5	70-130			
p,m-Xylene	9.29	0.0500	10.0	ND	92.9	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.11*		*8.00*		*88.8*	*70-130*			
Matrix Spike Dup (2530159-MSD1)				**Source: E507283-05**					Prepared: 07/25/25 Analyzed: 07/30/25
Benzene	5.56	0.0250	5.00	ND	111	70-130	17.8	27	
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130	17.6	26	
Toluene	5.53	0.0250	5.00	ND	111	70-130	17.7	20	
o-Xylene	5.43	0.0250	5.00	ND	109	70-130	17.1	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	17.0	23	
Total Xylenes	16.4	0.0250	15.0	ND	110	70-130	17.0	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.09*		*8.00*		*88.6*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530159-BLK1)									Prepared: 07/25/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
LCS (2530159-BS2)									Prepared: 07/25/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			
Matrix Spike (2530159-MS2)				**Source: E507283-05**					Prepared: 07/25/25 Analyzed: 07/30/25
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.4*	*70-130*			
Matrix Spike Dup (2530159-MSD2)				**Source: E507283-05**					Prepared: 07/25/25 Analyzed: 07/30/25
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.3	70-130	4.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531036-BLK1)									Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.1*		*50.0*		*88.2*	*61-141*			
LCS (2531036-BS1)									Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	266	25.0	250		106	66-144			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*61-141*			
Matrix Spike (2531036-MS1)				**Source: E507279-07**					Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	*44.4*		*50.0*		*88.8*	*61-141*			
Matrix Spike Dup (2531036-MSD1)				**Source: E507279-07**					Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156	1.00	20	
Surrogate: n-Nonane	*43.3*		*50.0*		*86.7*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 3:11:21PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531037-BLK1)									Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	ND	20.0							
LCS (2531037-BS1)									Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2531037-MS1)				**Source: E507277-07**					Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	278	20.0	250	24.5	101	80-120			
Matrix Spike Dup (2531037-MSD1)				**Source: E507277-07**					Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	279	20.0	250	24.5	102	80-120	0.408	20	

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/30/25 15:11

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E507282	1D 2D 3D Std	NM CO UT TX
Project: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23C03-0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
10:41	7/22/2025	S	1	BH03-25'		1						X						2.7
11:57	7/22/2025	S	1	BH03-27'		2						X					2.9	Only run for BGDOC if BH02-10' is greater than 100 TPH and 600 Cl-
12:39	7/22/2025	S	1	BH03-29'		3						X						2.7
13:53	7/22/2025	S	1	BH03-30'		4						X						3.4

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/23/25	7:11	Michelle Gonzales	7.23.25	0711
Michelle Gonzales	7.23.25	1500	Marissa Gonzales	7.23.25	1500
Marissa Gonzales	7.23.25	2345	Cath Mar	7.24.25	800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 7/24/2025 9:31:16AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	07/24/25 08:00	Work Order ID:	E507282
Phone:	(972) 371-5200	Date Logged In:	07/23/25 14:27	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/30/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E508220
Job Number:	23003-0002
Received:	8/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/26/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/26/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E508220
Date Received: 8/20/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/20/2025 7:30:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/26/25 11:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG02-0'	E508220-01A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-1'	E508220-02A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-2'	E508220-03A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-3'	E508220-04A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-4'	E508220-05A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-5'	E508220-06A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-6'	E508220-07A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-7'	E508220-08A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-8'	E508220-09A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG02-9'	E508220-10A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-0'	E508220-11A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-1'	E508220-12A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-2'	E508220-13A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-3'	E508220-14A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-4'	E508220-15A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-5'	E508220-16A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-6'	E508220-17A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-7'	E508220-18A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG03-7.5'	E508220-19A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-0'	E508220-20A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-1'	E508220-21A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-2'	E508220-22A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-3'	E508220-23A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-4'	E508220-24A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-5'	E508220-25A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-6'	E508220-26A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-7'	E508220-27A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-8'	E508220-28A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.
BG04-9'	E508220-29A	Soil	08/18/25	08/20/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-0'

E508220-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**59.7**	20.0	1	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-1'

E508220-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.7 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1870**	20.0	1	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-2'

E508220-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.5 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1340**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-3'

E508220-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.7 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1280**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-4'

E508220-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1380**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-5'

E508220-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1700**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-6'

E508220-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1740**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-7'

E508220-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1500**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-8'

E508220-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.8 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1650**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG02-9'

E508220-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.5 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1820**	100	5	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-0'

E508220-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	ND	20.0	1	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-1'

E508220-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**604**	20.0	1	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-2'

E508220-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.3 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1050**	20.0	1	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-3'

E508220-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1010**	20.0	1	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-4'

E508220-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**831**	20.0	1	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-5'

E508220-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/22/25	
Toluene	ND	0.0250	1	08/20/25	08/22/25	
o-Xylene	ND	0.0250	1	08/20/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/22/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.3 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*08/20/25*	*08/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1070**	200	10	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-6'

E508220-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/23/25	
Toluene	ND	0.0250	1	08/20/25	08/23/25	
o-Xylene	ND	0.0250	1	08/20/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.2 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1180**	200	10	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-7'

E508220-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/23/25	
Toluene	ND	0.0250	1	08/20/25	08/23/25	
o-Xylene	ND	0.0250	1	08/20/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1160**	200	10	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG03-7.5'

E508220-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/23/25	
Toluene	ND	0.0250	1	08/20/25	08/23/25	
o-Xylene	ND	0.0250	1	08/20/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**1080**	200	10	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-0'

E508220-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Benzene	ND	0.0250	1	08/20/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/23/25	
Toluene	ND	0.0250	1	08/20/25	08/23/25	
o-Xylene	ND	0.0250	1	08/20/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*08/20/25*	*08/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/21/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*08/20/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534078
Chloride	**29.4**	20.0	1	08/20/25	08/21/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-1'

E508220-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**2650**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-2'

E508220-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**2290**	40.0	2	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-3'

E508220-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**1580**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-4'

E508220-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**2190**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-5'

E508220-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**1700**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-6'

E508220-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**1660**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-7'

E508220-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**2140**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-8'

E508220-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**2410**	200	10	08/20/25	08/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

BG04-9'

E508220-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2534077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/20/25*	*08/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534076
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/25	08/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/25	08/20/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*08/20/25*	*08/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534079
Chloride	**2070**	200	10	08/20/25	08/20/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534072-BLK1)									Prepared: 08/20/25 Analyzed: 08/22/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.65*		*8.00*		*83.2*	*70-130*			
LCS (2534072-BS1)									Prepared: 08/20/25 Analyzed: 08/22/25
Benzene	5.44	0.0250	5.00		109	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.39	0.0250	5.00		108	70-130			
o-Xylene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.85*		*8.00*		*85.7*	*70-130*			
Matrix Spike (2534072-MS1)				**Source: E508220-08**					Prepared: 08/20/25 Analyzed: 08/22/25
Benzene	5.73	0.0250	5.00	ND	115	70-130			
Ethylbenzene	5.57	0.0250	5.00	ND	111	70-130			
Toluene	5.68	0.0250	5.00	ND	114	70-130			
o-Xylene	5.49	0.0250	5.00	ND	110	70-130			
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130			
Total Xylenes	16.7	0.0250	15.0	ND	112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.96*		*8.00*		*87.0*	*70-130*			
Matrix Spike Dup (2534072-MSD1)				**Source: E508220-08**					Prepared: 08/20/25 Analyzed: 08/22/25
Benzene	5.53	0.0250	5.00	ND	111	70-130	3.71	27	
Ethylbenzene	5.38	0.0250	5.00	ND	108	70-130	3.55	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	3.64	20	
o-Xylene	5.29	0.0250	5.00	ND	106	70-130	3.76	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	3.41	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	3.53	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.95*		*8.00*		*86.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534077-BLK1)									Prepared: 08/20/25 Analyzed: 08/20/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			
LCS (2534077-BS1)									Prepared: 08/20/25 Analyzed: 08/20/25
Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.37	0.0250	5.00		107	70-130			
Toluene	5.43	0.0250	5.00		109	70-130			
o-Xylene	5.28	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.54*		*8.00*		*94.2*	*70-130*			
Matrix Spike (2534077-MS1)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Benzene	5.49	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.47	0.0250	5.00	ND	109	70-130			
Toluene	5.54	0.0250	5.00	ND	111	70-130			
o-Xylene	5.38	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.53*		*8.00*		*94.2*	*70-130*			
Matrix Spike Dup (2534077-MSD1)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Benzene	5.70	0.0250	5.00	ND	114	70-130	3.74	27	
Ethylbenzene	5.71	0.0250	5.00	ND	114	70-130	4.27	26	
Toluene	5.76	0.0250	5.00	ND	115	70-130	3.90	20	
o-Xylene	5.61	0.0250	5.00	ND	112	70-130	4.23	25	
p,m-Xylene	11.5	0.0500	10.0	ND	115	70-130	4.23	23	
Total Xylenes	17.1	0.0250	15.0	ND	114	70-130	4.23	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.7*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534072-BLK1)									Prepared: 08/20/25 Analyzed: 08/22/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
LCS (2534072-BS2)									Prepared: 08/20/25 Analyzed: 08/22/25
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike (2534072-MS2)				**Source: E508220-08**					Prepared: 08/20/25 Analyzed: 08/22/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			
Matrix Spike Dup (2534072-MSD2)				**Source: E508220-08**					Prepared: 08/20/25 Analyzed: 08/22/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130	0.0836	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534077-BLK1)									Prepared: 08/20/25 Analyzed: 08/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.2*	*70-130*			
LCS (2534077-BS2)									Prepared: 08/20/25 Analyzed: 08/20/25
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.56*		*8.00*		*94.5*	*70-130*			
Matrix Spike (2534077-MS2)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.1*	*70-130*			
Matrix Spike Dup (2534077-MSD2)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130	2.72	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.6*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534074-BLK1)									Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.4*		*50.0*		*113*	*61-141*			
LCS (2534074-BS1)									Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	284	25.0	250		114	66-144			
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*61-141*			
Matrix Spike (2534074-MS1)				**Source: E508220-11**					Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	291	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*61-141*			
Matrix Spike Dup (2534074-MSD1)				**Source: E508220-11**					Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156	4.28	20	
Surrogate: n-Nonane	*60.2*		*50.0*		*120*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534076-BLK1)									Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.8*		*50.0*		*110*	*61-141*			
LCS (2534076-BS1)									Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	279	25.0	250		112	66-144			
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*61-141*			
Matrix Spike (2534076-MS1)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*61-141*			
Matrix Spike Dup (2534076-MSD1)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156	1.92	20	
Surrogate: n-Nonane	*55.5*		*50.0*		*111*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534078-BLK1)									Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	ND	20.0							
LCS (2534078-BS1)									Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2534078-MS1)				**Source: E508220-05**					Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	1620	40.0	250	1380	95.0	80-120			
Matrix Spike Dup (2534078-MSD1)				**Source: E508220-05**					Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	1610	40.0	250	1380	89.1	80-120	0.915	20	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/26/2025 11:53:29AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534079-BLK1)									Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	ND	20.0							
LCS (2534079-BS1)									Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2534079-MS1)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	2390	200	250	2190	79.5	80-120			M4
Matrix Spike Dup (2534079-MSD1)				**Source: E508220-24**					Prepared: 08/20/25 Analyzed: 08/20/25
Chloride	2200	200	250	2190	3.40	80-120	8.29	20	M4

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/26/25 11:53

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E508220	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002		x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Remarks
10:05	8/18/2025	Soil	1	BG02 - 0'		1									x			4.0	
10:07	8/18/2025	Soil	1	BG02 - 1'		2									x			4.2	
10:09	8/18/2025	Soil	1	BG02 - 2'		3									x			3.8	
10:11	8/18/2025	Soil	1	BG02 - 3'		4									x			5.0	
10:13	8/18/2025	Soil	1	BG02 - 4'		5									x			4.4	
13:18	8/18/2025	Soil	1	BG02 - 5'		6									x			4.5	
13:19	8/18/2025	Soil	1	BG02 - 6'		7									x			4.3	
13:22	8/18/2025	Soil	1	BG02 - 7'		8									x			5.0	
13:24	8/18/2025	Soil	1	BG02 - 8'		9									x			4.6	
13:26	8/18/2025	Soil	1	BG02 - 9'		10									x			4.5	

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/19/25	7:11	Michelle Gonzales	8-19-25	0711
Michelle Gonzales	8-19-25	1200	Marissa Gonzales	8-19-25	1200
Marissa Gonzales	8-19-25	1530	Andrew Musso	8.19.25	1530
Andrew Musso	8.19.25	1930	Cath Mar	8.20.25	730

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E508220	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002		x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
10:27	8/18/2025	Soil	1	BG03 - 0'		11									x			5.3	
10:29	8/18/2025	Soil	1	BG03 - 1'		12									x			5.2	
10:30	8/18/2025	Soil	1	BG03 - 2'		13									x			5.0	
10:32	8/18/2025	Soil	1	BG03 - 3'		14									x			4.6	
10:34	8/18/2025	Soil	1	BG03 - 4'		15									x			4.8	
13:34	8/18/2025	Soil	1	BG03 - 5'		16									x			5.2	
13:36	8/18/2025	Soil	1	BG03 - 6'		17									x			5.4	
13:40	8/18/2025	Soil	1	BG03 - 7'		18									x			4.8	
13:42	8/18/2025	Soil	1	BG03 - 7.5'		19									x			4.6	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/19/25	7:11	Michelle Gonzales	8.19.25	0711
Michelle Gonzales	8.19.25	1200	Marissa Gonzales	8-19-25	1200
Marissa Gonzales	8-19-25	1530	Andrew Musso	8.19.25	1530
Andrew Musso	8.19.25	1930	[signature]	8.20.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E508220	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23008.0002		x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220		x	
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Remarks
10:41	8/18/2025	Soil	1	BG04 - 0'		20									x			5.4	
10:43	8/18/2025	Soil	1	BG04 - 1'		21									x			4.7	
10:45	8/18/2025	Soil	1	BG04 - 2'		22									x			4.1	
10:47	8/18/2025	Soil	1	BG04 - 3'		23									x			4.9	
10:49	8/18/2025	Soil	1	BG04 - 4'		24									x			5.3	
13:51	8/18/2025	Soil	1	BG04 - 5'		25									x			5.1	
13:55	8/18/2025	Soil	1	BG04 - 6'		26									x			4.8	
13:57	8/18/2025	Soil	1	BG04 - 7'		27									x			4.6	
14:00	8/18/2025	Soil	1	BG04 - 8'		28									x			5.2	
14:02	8/18/2025	Soil	1	BG04 - 9'		29									x			5.1	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/19/25	7:11	Michelle Gonzales	8.19.25	0711
Michelle Gonzales	8.19.25	1200	Marissa Gonzales	8.19.25	1200
Marissa Gonzales	8.19.25	1530	Andrew Musso	8.19.25	1530
Andrew Musso	8.19.25	1930	Cuth Mar	8.20.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 8/20/2025 9:20:42AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	08/20/25 07:30	Work Order ID:	E508220
Phone:	(972) 371-5200	Date Logged In:	08/19/25 14:51	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/26/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

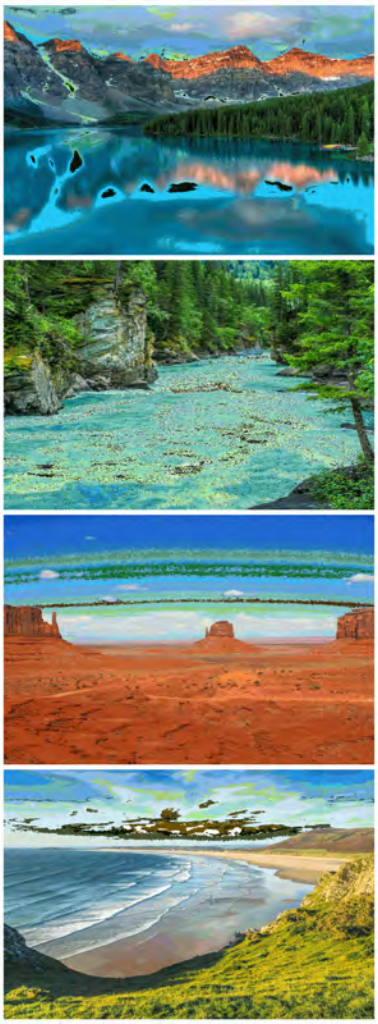
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



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Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E508232
Job Number:	23003-0002
Received:	8/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/27/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/27/25

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E508232
Date Received: 8/21/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/21/2025 7:30:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/27/25 09:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG01 - 0'	E508232-01A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 1'	E508232-02A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 2'	E508232-03A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 3'	E508232-04A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 4'	E508232-05A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 5'	E508232-06A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 6'	E508232-07A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 7'	E508232-08A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 8'	E508232-09A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 9'	E508232-10A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG01 - 10'	E508232-11A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG02 - 10'	E508232-12A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.
BG04 - 10'	E508232-13A	Soil	08/19/25	08/21/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 0'

E508232-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.6 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/21/25	
Surrogate: n-Nonane		*87.0 %*	*61-141*	*08/21/25*	*08/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**525**	40.0	2	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 1'

E508232-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*87.0 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**2220**	200	10	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 2'

E508232-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.2 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*91.0 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**1230**	40.0	2	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 3'

E508232-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*90.1 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**1250**	40.0	2	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 4'

E508232-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.6 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*87.0 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**1040**	40.0	2	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 5'

E508232-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.5 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*85.2 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**1570**	100	5	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 6'

E508232-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.4 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*88.9 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**747**	200	10	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 7'

E508232-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*98.5 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**689**	200	10	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 8'

E508232-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*89.1 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**422**	200	10	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 9'

E508232-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.5 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*86.4 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**700**	200	10	08/21/25	08/25/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG01 - 10'

E508232-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*86.9 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**750**	200	10	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG02 - 10'

E508232-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.6 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*87.5 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**1350**	100	5	08/21/25	08/22/25	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

BG04 - 10'

E508232-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Benzene	ND	0.0250	1	08/21/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/21/25	08/21/25	
Toluene	ND	0.0250	1	08/21/25	08/21/25	
o-Xylene	ND	0.0250	1	08/21/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/21/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/21/25	08/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2534094
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/25	08/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*08/21/25*	*08/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2534089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		*84.8 %*	*61-141*	*08/21/25*	*08/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2534104
Chloride	**1830**	200	10	08/21/25	08/22/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534094-BLK1)									Prepared: 08/21/25 Analyzed: 08/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.60*		*8.00*		*82.4*	*70-130*			
LCS (2534094-BS1)									Prepared: 08/21/25 Analyzed: 08/21/25
Benzene	4.61	0.0250	5.00		92.3	70-130			
Ethylbenzene	4.49	0.0250	5.00		89.8	70-130			
Toluene	4.59	0.0250	5.00		91.7	70-130			
o-Xylene	4.51	0.0250	5.00		90.1	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.6	0.0250	15.0		90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.91*		*8.00*		*86.4*	*70-130*			
Matrix Spike (2534094-MS1)				**Source: E508230-04**					Prepared: 08/21/25 Analyzed: 08/21/25
Benzene	4.64	0.0250	5.00	ND	92.8	70-130			
Ethylbenzene	4.50	0.0250	5.00	ND	90.0	70-130			
Toluene	4.60	0.0250	5.00	ND	92.0	70-130			
o-Xylene	4.52	0.0250	5.00	ND	90.3	70-130			
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.04*		*8.00*		*88.0*	*70-130*			
Matrix Spike Dup (2534094-MSD1)				**Source: E508230-04**					Prepared: 08/21/25 Analyzed: 08/21/25
Benzene	5.34	0.0250	5.00	ND	107	70-130	14.1	27	
Ethylbenzene	5.21	0.0250	5.00	ND	104	70-130	14.6	26	
Toluene	5.30	0.0250	5.00	ND	106	70-130	14.1	20	
o-Xylene	5.17	0.0250	5.00	ND	103	70-130	13.5	25	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	14.2	23	
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130	14.0	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.17*		*8.00*		*89.6*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534094-BLK1)									Prepared: 08/21/25 Analyzed: 08/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.8*	*70-130*			
LCS (2534094-BS2)									Prepared: 08/21/25 Analyzed: 08/21/25
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike (2534094-MS2)				**Source: E508230-04**					Prepared: 08/21/25 Analyzed: 08/21/25
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike Dup (2534094-MSD2)				**Source: E508230-04**					Prepared: 08/21/25 Analyzed: 08/21/25
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.1	70-130	6.46	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.2*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534089-BLK1)									Prepared: 08/21/25 Analyzed: 08/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.7*		*50.0*		*85.4*	*61-141*			
LCS (2534089-BS1)									Prepared: 08/21/25 Analyzed: 08/21/25
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	66-144			
Surrogate: n-Nonane	*41.3*		*50.0*		*82.6*	*61-141*			
Matrix Spike (2534089-MS1)				**Source: E508232-02**					Prepared: 08/21/25 Analyzed: 08/21/25
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	*44.3*		*50.0*		*88.7*	*61-141*			
Matrix Spike Dup (2534089-MSD1)				**Source: E508232-02**					Prepared: 08/21/25 Analyzed: 08/21/25
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	56-156	3.57	20	
Surrogate: n-Nonane	*45.9*		*50.0*		*91.9*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/27/2025 9:09:58AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2534104-BLK1)									Prepared: 08/21/25 Analyzed: 08/22/25
Chloride	ND	20.0							
LCS (2534104-BS1)									Prepared: 08/21/25 Analyzed: 08/22/25
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2534104-MS1)				**Source: E508232-10**					Prepared: 08/21/25 Analyzed: 08/25/25
Chloride	1000	200	250	700	122	80-120			M1
Matrix Spike Dup (2534104-MSD1)				**Source: E508232-10**					Prepared: 08/21/25 Analyzed: 08/25/25
Chloride	1050	200	250	700	140	80-120	4.48	20	M1

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/27/25 09:09

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E508232	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23005.0002	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
10:32	8/19/2025	Soil	1	BG01 - 0'		1									x			2.8	
10:34	8/19/2025	Soil	1	BG01 - 1'		2									x			2.8	
10:36	8/19/2025	Soil	1	BG01 - 2'		3									x			3.2	
10:38	8/19/2025	Soil	1	BG01 - 3'		4									x			3.0	
10:40	8/19/2025	Soil	1	BG01 - 4'		5									x			2.6	
11:55	8/19/2025	Soil	1	BG01 - 5'		6									x			2.4	
11:57	8/19/2025	Soil	1	BG01 - 6'		7									x			2.8	
11:59	8/19/2025	Soil	1	BG01 - 7'		8									x			3.2	
12:01	8/19/2025	Soil	1	BG01 - 8'		9									x			3.4	
12:03	8/19/2025	Soil	1	BG01 - 9'		10									x			3.6	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/20/25	7:11	Michelle Gonzalez	8.20.25	0711
Michelle Gonzales	8-20-25	1245	Marissa Gonzales	8-20-25	1245
Marissa Gonzales	8-20-25	1615	Andrew Musso	8.20.25	1615
Andrew Musso	8.20.25	2045	Caitlin Main	8.21.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E508232	1D 2D 3D Std: x	NM CO UT TX: x
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002		
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
12:11	8/19/2025	Soil	1	BG01 - 10'		11									X			3.4	
9:57	8/19/2025	Soil	1	BG02 - 10'		12									X			3.0	
10:09	8/19/2025	Soil	1	BG04 - 10'		13									X			3.2	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/20/25	7:11	Michelle Gonzales	8-20-25	0711
Michelle Gonzales	8-20-25	1245	Marissa Gonzales	8-20-25	1245
Marissa Gonzales	8-20-25	1615	Andrew Musso	8.20.25	1615
Andrew Musso	8.20.25	2045	Caitlin Mars	8-21-25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 8/21/2025 9:42:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	08/21/25 07:30	Work Order ID:	E508232
Phone:	(972) 371-5200	Date Logged In:	08/20/25 15:06	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	08/27/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

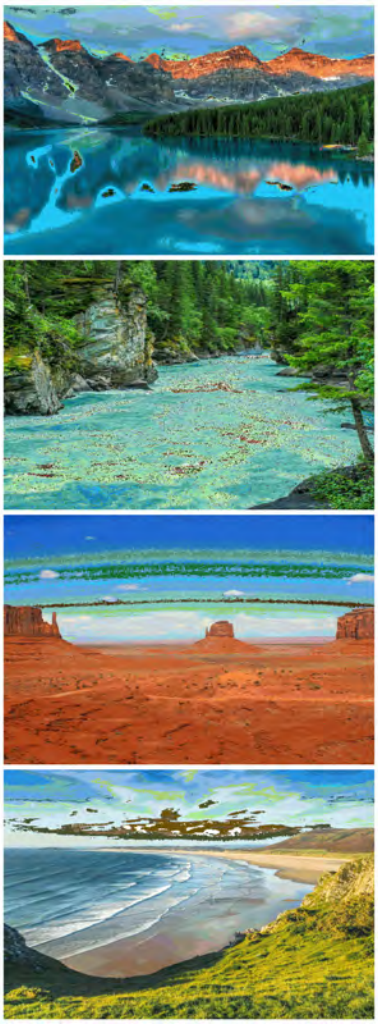
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Anne Com 15 TB
Work Order:	E602269
Job Number:	23003-0002
Received:	2/24/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/2/26

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

Date Reported: 3/2/26

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E602269
Date Received: 2/24/2026 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/24/2026 6:30:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/02/26 09:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS06 - 0'	E602269-01A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS06 - 1'	E602269-02A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS07 - 0'	E602269-03A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS07 - 1'	E602269-04A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS08 - 0'	E602269-05A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS08 - 1'	E602269-06A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS09 - 0'	E602269-07A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS09 - 1'	E602269-08A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS10 - 0'	E602269-09A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.
SS10 - 1'	E602269-10A	Soil	02/20/26	02/24/26	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS06 - 0'

E602269-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.9 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**557**	200	10	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS06 - 1'

E602269-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.5 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**474**	20.0	1	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS07 - 0'

E602269-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.7 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**369**	200	10	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS07 - 1'

E602269-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.6 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**285**	200	10	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS08 - 0'

E602269-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*02/24/26*	*02/25/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.0 %*	*70-130*	*02/24/26*	*02/25/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**310**	20.0	1	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS08 - 1'

E602269-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.0 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*105 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**396**	200	10	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS09 - 0'

E602269-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.6 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*104 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	ND	20.0	1	02/25/26	02/26/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS09 - 1'

E602269-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*115 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.2 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	ND	40.0	2	02/25/26	02/27/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS10 - 0'

E602269-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.5 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*108 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	ND	100	5	02/25/26	02/27/26	

Sample Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

SS10 - 1'

E602269-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609044
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*02/24/26*	*02/26/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2609095
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/26	02/26/26	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/25/26*	*02/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2609093
Chloride	**283**	200	10	02/25/26	02/27/26	

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609044-BLK1)									Prepared: 02/24/26 Analyzed: 02/25/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.77*		*8.00*		*110*	*70-130*			
LCS (2609044-BS1)									Prepared: 02/24/26 Analyzed: 02/25/26
Benzene	4.06	0.0250	5.00		81.3	70-130			
Ethylbenzene	3.92	0.0250	5.00		78.4	70-130			
Toluene	4.00	0.0250	5.00		80.0	70-130			
o-Xylene	4.04	0.0250	5.00		80.7	70-130			
p,m-Xylene	8.03	0.0500	10.0		80.3	70-130			
Total Xylenes	12.1	0.0250	15.0		80.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.88*		*8.00*		*111*	*70-130*			
Matrix Spike (2609044-MS1)				**Source: E602269-05**					Prepared: 02/24/26 Analyzed: 02/27/26
Benzene	4.43	0.0250	5.00	ND	88.6	70-130			
Ethylbenzene	4.48	0.0250	5.00	ND	89.7	70-130			
Toluene	4.51	0.0250	5.00	ND	90.3	70-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	70-130			
p,m-Xylene	9.17	0.0500	10.0	ND	91.7	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.91*		*8.00*		*111*	*70-130*			
Matrix Spike Dup (2609044-MSD1)				**Source: E602269-05**					Prepared: 02/24/26 Analyzed: 02/27/26
Benzene	4.49	0.0250	5.00	ND	89.7	70-130	1.23	27	
Ethylbenzene	4.55	0.0250	5.00	ND	91.0	70-130	1.45	26	
Toluene	4.57	0.0250	5.00	ND	91.4	70-130	1.21	20	
o-Xylene	4.75	0.0250	5.00	ND	95.0	70-130	1.83	25	
p,m-Xylene	9.31	0.0500	10.0	ND	93.1	70-130	1.48	23	
Total Xylenes	14.1	0.0250	15.0	ND	93.7	70-130	1.60	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.84*		*8.00*		*111*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609044-BLK1)									Prepared: 02/24/26 Analyzed: 02/25/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.99*		*8.00*		*99.8*	*70-130*			
LCS (2609044-BS2)									Prepared: 02/24/26 Analyzed: 02/25/26
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike (2609044-MS2)				**Source: E602269-05**					Prepared: 02/24/26 Analyzed: 02/25/26
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.99*		*8.00*		*99.8*	*70-130*			
Matrix Spike Dup (2609044-MSD2)				**Source: E602269-05**					Prepared: 02/24/26 Analyzed: 02/25/26
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	86.0	70-130	1.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		*8.00*		*99.4*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609095-BLK1)									Prepared: 02/25/26 Analyzed: 02/26/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*61-141*			
LCS (2609095-BS1)									Prepared: 02/25/26 Analyzed: 02/26/26
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*61-141*			
Matrix Spike (2609095-MS1)				**Source: E602269-03**					Prepared: 02/25/26 Analyzed: 02/26/26
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*61-141*			
Matrix Spike Dup (2609095-MSD1)				**Source: E602269-03**					Prepared: 02/25/26 Analyzed: 02/26/26
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	1.49	20	
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:08:57AM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609093-BLK1)									Prepared: 02/25/26 Analyzed: 02/26/26
Chloride	ND	20.0							
LCS (2609093-BS1)									Prepared: 02/25/26 Analyzed: 02/26/26
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2609093-MS1)				**Source: E602269-01**					Prepared: 02/25/26 Analyzed: 02/26/26
Chloride	754	200	250	557	79.0	80-120			M2
Matrix Spike Dup (2609093-MSD1)				**Source: E602269-01**					Prepared: 02/25/26 Analyzed: 02/26/26
Chloride	835	200	250	557	111	80-120	10.1	20	

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/02/26 09:08

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E602269	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002		X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220		X	
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1202	2/20/2026	S	1	SS06 - 0'		1									X			1.5	
1209	2/20/2026	S	1	SS06 - 1'		2									X			1.7	
1130	2/20/2026	S	1	SS07 - 0'		3									X			2.1	
1210	2/20/2026	S	1	SS07 - 1'		4									X			1.0	
1144	2/20/2026	S	1	SS08 - 0'		5									X			0.8	
1212	2/20/2026	S	1	SS08 - 1'		6									X			0.9	
1023	2/20/2026	S	1	SS09 - 0'		7									X			1.0	
1104	2/20/2026	S	1	SS09 - 1'		8									X			1.9	
1025	2/20/2026	S	1	SS10 - 0'		9									X			1.0	
1107	2/20/2026	S	1	SS10 - 1'		10									X			1.7	

EPA Program: SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2-23-26	7:11	Michelle Gonzales	2-23-26	0711
Michelle Gonzales	2-23-26	1600	Marissa Gonzales	2-23-26	1600
Marissa Gonzales	2-23-26	2030	Johnny Archuleta	2-23-26	2030
Johnny Archuleta	2-24-26	0630	Nel Sto	2-24-26	0630

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/24/2026 9:48:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	02/24/26 06:30	Work Order ID:	E602269
Phone:	(972) 371-5200	Date Logged In:	02/23/26 16:13	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/02/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-NV

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Urzedo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name:	Anne Com 15 TB
Work Order:	E605261
Job Number:	23003-0002
Received:	5/29/2026

Revision: 0

Report Reviewed By:

Draft
Walter Hinchman
Laboratory Director
5/29/26

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

Date Reported: 5/29/26

Ashley Urzedo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E605261
Date Received: 5/29/2026 7:30:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/29/2026 7:30:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
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Sample Summary

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/29/26 13:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02A-2'	E605261-01A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02A-3'	E605261-02A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02A-4'	E605261-03A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02A-5'	E605261-04A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02B-2'	E605261-05A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02B-3'	E605261-06A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02B-4'	E605261-07A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02B-5'	E605261-08A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02C-2'	E605261-09A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02C-3'	E605261-10A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02C-4'	E605261-11A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02C-5'	E605261-12A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02D-2'	E605261-13A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02D-3'	E605261-14A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02D-4'	E605261-15A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.
BH02D-5'	E605261-16A	Soil	05/28/26	05/29/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02A-2'

E605261-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*91.7 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**49.3**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02A-3'

E605261-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.5 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*86.2 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**35.7**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02A-4'

E605261-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.4 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*79.9 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**28.7**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02A-5'

E605261-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.9 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*81.8 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**36.4**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02B-2'

E605261-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.8 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*81.0 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**45.9**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02B-3'

E605261-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*79.1 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**29.6**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02B-4'

E605261-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.1 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*81.5 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**45.1**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02B-5'

E605261-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*81.8 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**44.5**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02C-2'

E605261-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*82.8 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**30.5**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02C-3'

E605261-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*85.7 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**34.0**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02C-4'

E605261-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*79.9 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**45.8**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02C-5'

E605261-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*79.9 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**36.0**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02D-2'

E605261-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*82.3 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**33.4**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02D-3'

E605261-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.7 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*82.3 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**47.4**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02D-4'

E605261-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*82.6 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**42.0**	20.0	10	05/29/26	05/29/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/29/2026 1:25:10PM

BH02D-5'

E605261-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Benzene	ND	0.0250	1	05/29/26	05/29/26	
Ethylbenzene	ND	0.0250	1	05/29/26	05/29/26	
Toluene	ND	0.0250	1	05/29/26	05/29/26	
o-Xylene	ND	0.0250	1	05/29/26	05/29/26	
p,m-Xylene	ND	0.0500	1	05/29/26	05/29/26	
Total Xylenes	ND	0.0250	1	05/29/26	05/29/26	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2622109
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/26	05/29/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*117 %*	*70-130*	*05/29/26*	*05/29/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2622107
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/26	05/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/26	05/29/26	
Surrogate: n-Nonane		*80.9 %*	*69-135*	*05/29/26*	*05/29/26*	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: RAS			Batch: 2622114
Chloride	**29.1**	20.0	10	05/29/26	05/29/26	

Definitions and Notes

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/29/26 13:25

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E1052461	1D X 2D 3D Std	NM X CO UT TX
Project Name: Anne Com 1S TD	Address: 3122 National Parks Hwy	Job Number 23003-0002		
Project Manager: Ashley Urzedo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: aurzedo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: 03Aresults@ensolum.com				

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA	CWA	RCRA
																		Compliance	Y	or N
																		PWSID #		
824	05-28-26	S	1	BH02A - 2'		1									X			3.1		
826	↓	↓	↓	BH02A - 3'		2									↓			3.4		
829				BH02A - 4'		3												3.0		
830				BH02A - 5'		4												3.2		
834				BH02B - 2'		5												4.0		
835				BH02B - 3'		6												2.0		
837				BH02B - 4'		7												2.1		
839				BH02B - 5'		8												2.8		
841				BH02C - 2'		9												2.7		
842	↓	↓	↓	BH02C - 3'		10									↓			3.0		

Additional Instructions: please send all results to Client Email

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	05-28-26	11:00	Michelle Gonzales	5-28-26	1100
Michelle Gonzales	5-28-26	1430	Marissa Gonzales	5-28-26	1430
Marissa Gonzales	5-28-26	1845	Johnny Archuleta	5-28-26	1845
Johnny Archuleta	5-28-26	2230	Chris Mar	5-29-26	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y)/N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E605261	1D 2D 3D Std	NM CO UT TX
Project Name: Ange Com 1STD	Address: 3122 National Parks Hwy	Job Number 23003.0002	X	X
Project Manager: Ashley Urzedo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: aurzedo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: 03Aresults@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
844	05-28-26	S	1	BH02C - 4'		11									X			2.9	
846	↓	↓	↓	BH02C - 5'		12									↓			2.8	
900				BH02D - 2'		13												3.1	
903				BH02D - 3'		14												2.4	
904				BH02D - 4'		15												2.7	
907	↓	↓	↓	BH02D - 5'		16									↓			3.2	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: please send all results to Client Email

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	05-28-26	~~1100~~ 1100 SM	Michelle Gonzales	5-28-26	1100
Michelle Gonzales	5-28-26	1430	Marissa Gonzales	5-28-26	1430
Marissa Gonzales	5-28-26	1845	Johnny Archuleta	5-28-26	1845
Johnny Archuleta	5-28-26	2230		5-29-26	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 5/29/2026 10:17:28AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Production Company	Date Received:	05/29/26 07:30	Work Order ID:	E605261
Phone:	(972) 371-5200	Date Logged In:	05/28/26 15:47	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/29/26 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-RAS
R-KH

Client Instruction

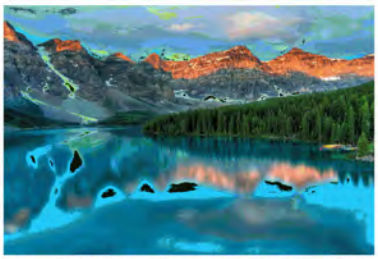
Signature of client authorizing changes to the COC or sample disposition.

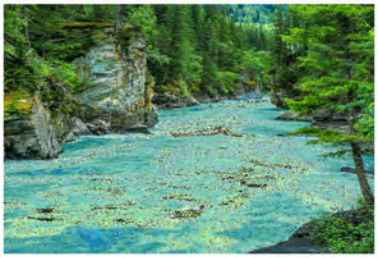
Date

envirotech Inc.

Report to:

Ashley Giovengo









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name:	Anne Com 15 TB
Work Order:	E603372
Job Number:	23003-0002
Received:	4/1/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/6/26

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

Date Reported: 4/6/26

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E603372
Date Received: 4/1/2026 6:00:32AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/1/2026 6:00:32AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
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Sample Summary

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/06/26 16:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01-0-1'	E603372-01A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
SW02-1-2.5'	E603372-02A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
SW03-1-2.5'	E603372-03A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
SW04-0-1'	E603372-04A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
SW05-1-2.5'	E603372-05A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

SW01-0-1'

E603372-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/01/26	
Surrogate: n-Nonane		*98.3 %*	*69-135*	*04/01/26*	*04/01/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614065
Chloride	**390**	20.0	1	04/01/26	04/01/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

SW02-1-2.5'

E603372-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.6 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*102 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614065
Chloride	**592**	20.0	1	04/01/26	04/01/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

SW03-1-2.5'

E603372-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*99.1 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614065
Chloride	**552**	20.0	1	04/01/26	04/01/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

SW04-0-1'

E603372-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*98.2 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614065
Chloride	**461**	20.0	1	04/01/26	04/01/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

SW05-1-2.5'

E603372-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.4 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*100 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614065
Chloride	**841**	40.0	2	04/01/26	04/01/26	

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614053-BLK1)									Prepared: 04/01/26 Analyzed: 04/01/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.07*		*8.00*		*88.4*	*70-130*			
LCS (2614053-BS1)									Prepared: 04/01/26 Analyzed: 04/01/26
Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.1	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.63	0.0250	5.00		92.6	70-130			
p,m-Xylene	9.32	0.0500	10.0		93.2	70-130			
Total Xylenes	13.9	0.0250	15.0		93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.11*		*8.00*		*88.9*	*70-130*			
Matrix Spike (2614053-MS1)				**Source: E603367-13**					Prepared: 04/01/26 Analyzed: 04/01/26
Benzene	4.46	0.0250	5.00	ND	89.2	70-130			
Ethylbenzene	4.37	0.0250	5.00	ND	87.5	70-130			
Toluene	4.56	0.0250	5.00	ND	91.2	70-130			
o-Xylene	4.44	0.0250	5.00	ND	88.9	70-130			
p,m-Xylene	8.94	0.0500	10.0	ND	89.4	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.10*		*8.00*		*88.7*	*70-130*			
Matrix Spike Dup (2614053-MSD1)				**Source: E603367-13**					Prepared: 04/01/26 Analyzed: 04/01/26
Benzene	3.91	0.0250	5.00	ND	78.3	70-130	13.0	20	
Ethylbenzene	3.86	0.0250	5.00	ND	77.3	70-130	12.4	20	
Toluene	4.00	0.0250	5.00	ND	80.0	70-130	13.1	20	
o-Xylene	3.95	0.0250	5.00	ND	79.0	70-130	11.8	20	
p,m-Xylene	7.93	0.0500	10.0	ND	79.3	70-130	12.0	20	
Total Xylenes	11.9	0.0250	15.0	ND	79.2	70-130	11.9	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.00*		*8.00*		*87.5*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614053-BLK1)									Prepared: 04/01/26 Analyzed: 04/01/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2614053-BS2)									Prepared: 04/01/26 Analyzed: 04/01/26
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.8*	*70-130*			
Matrix Spike (2614053-MS2)				**Source: E603367-13**					Prepared: 04/01/26 Analyzed: 04/01/26
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike Dup (2614053-MSD2)				**Source: E603367-13**					Prepared: 04/01/26 Analyzed: 04/01/26
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	60-137	0.741	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614074-BLK1)									Prepared: 04/01/26 Analyzed: 04/01/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*69-135*			
LCS (2614074-BS1)									Prepared: 04/01/26 Analyzed: 04/01/26
Diesel Range Organics (C10-C28)	259	25.0	250		104	70-131			
Surrogate: n-Nonane	*48.5*		*50.0*		*97.1*	*69-135*			
Matrix Spike (2614074-MS1)				**Source: E603372-05**					Prepared: 04/01/26 Analyzed: 04/01/26
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	62-151			
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*69-135*			
Matrix Spike Dup (2614074-MSD1)				**Source: E603372-05**					Prepared: 04/01/26 Analyzed: 04/01/26
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	62-151	0.599	20	
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*69-135*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:42:08PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614065-BLK1)									Prepared: 04/01/26 Analyzed: 04/01/26
Chloride	ND	20.0							
LCS (2614065-BS1)									Prepared: 04/01/26 Analyzed: 04/01/26
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2614065-MS1)				**Source: E603366-13**					Prepared: 04/01/26 Analyzed: 04/01/26
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2614065-MSD1)				**Source: E603366-13**					Prepared: 04/01/26 Analyzed: 04/01/26
Chloride	262	20.0	250	ND	105	80-120	0.0756	20	

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

Definitions and Notes

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/06/26 16:42

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E603372	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
10:20 ~~1120~~	3/30/2026	S	1	SW01 - 0 - 1'		1								X		3.6	
10:24 ~~1122~~	3/30/2026	S	1	SW02 - 1 - 2.5'		2								X		3.9	
10:26 ~~1124~~	3/30/2026	S	1	SW03 - 1 - 2.5'		3								X		3.4	
10:22 ~~1126~~	3/30/2026	S	1	SW04 - 0 - 1'		4								X		3.4	
10:28 ~~1128~~	3/30/2026	S	1	SW05 - 1 - 2.5'		5								X		3.8	
RAS 4/1/26	Corrected sample times to match jars.																

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03-31-26	0719	Michelle Gonzales	3.31.26	0719
Michelle Gonzales	3-31-26	1415	Nathan Gonzales	3-31-26	1415
Nathan Gonzales	3-31-26	1800	Johnny Archuleta	3-31-26	1800
Johnny Archuleta	3-31-26	2200	Na St	4-1-26	0600
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM

Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E603372	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0042		
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1120	3/30/2026	S	1	SW01 - 0 - 1'		1									X			3.6	
1122	3/30/2026	S	1	SW02 - 1 - 2.5'		2									X			3.9	
1124	3/30/2026	S	1	SW03 - 1 - 2.5'		3									X			3.4	
1126	3/30/2026	S	1	SW04 - 0 - 1'		4									X			3.4	
1128	3/30/2026	S	1	SW05 - 1 - 2.5'		5									X			3.8	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, imccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03-31-26	0719	Michelle Gonzales	3.31.26	0719
Michelle Gonzales	3-31-26	1415	Nathan Gonzales	3-31-26	1415
Nathan Gonzales	3-31-26	1800	Johnny Archuleta	3-31-26	1800
Johnny Archuleta	3-31-26	2200		4-1-26	0600
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/1/2026 12:19:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Production Company	Date Received:	04/01/26 06:00	Work Order ID:	E603372
Phone:	(972) 371-5200	Date Logged In:	03/31/26 16:01	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/07/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Times on jars and COC did not match. J.M said to use the times on the jars.

Client Instruction

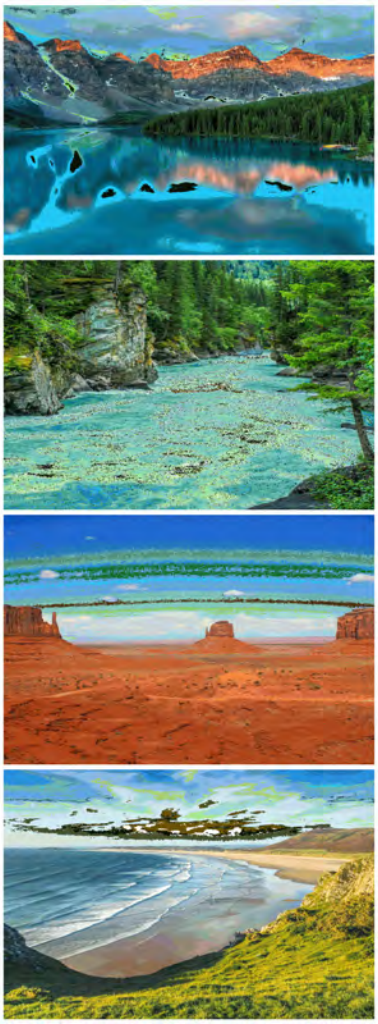
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name:	Anne Com 15 TB
Work Order:	E603374
Job Number:	23003-0002
Received:	4/1/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/6/26

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

Date Reported: 4/6/26

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E603374
Date Received: 4/1/2026 6:00:32AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/1/2026 6:00:32AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/06/26 16:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-2.5'	E603374-01A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS02-2.5'	E603374-02A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS03-2.5'	E603374-03A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS04-2.5'	E603374-04A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS05-2.5'	E603374-05A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS06-2.5'	E603374-06A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS07-2.5'	E603374-07A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS08-2.5'	E603374-08A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS09-2.5'	E603374-09A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS10-2.5'	E603374-10A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS11-2.5'	E603374-11A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS12-2.5'	E603374-12A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS13-2.5'	E603374-13A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS14-2.5'	E603374-14A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.
FS15-2.5'	E603374-15A	Solid	03/30/26	04/01/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS01-2.5'

E603374-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*93.5 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**903**	40.0	2	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS02-2.5'

E603374-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*90.3 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**734**	20.0	1	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS03-2.5'

E603374-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*90.0 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**672**	20.0	1	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS04-2.5'

E603374-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*91.3 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**523**	20.0	1	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS05-2.5'

E603374-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*92.1 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**1010**	200	10	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS06-2.5'

E603374-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*95.7 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**1020**	200	10	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS07-2.5'

E603374-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*04/01/26*	*04/02/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*88.8 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**1030**	200	10	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS08-2.5'

E603374-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*89.3 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**1020**	200	10	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS09-2.5'

E603374-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*89.3 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**821**	40.0	2	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS10-2.5'

E603374-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*91.4 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**534**	20.0	1	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS11-2.5'

E603374-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*94.2 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**534**	40.0	2	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS12-2.5'

E603374-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*89.7 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**907**	40.0	2	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS13-2.5'

E603374-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*89.2 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**945**	40.0	2	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS14-2.5'

E603374-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*90.7 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**836**	40.0	2	04/01/26	04/02/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

FS15-2.5'

E603374-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Benzene	ND	0.0250	1	04/01/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/03/26	
Toluene	ND	0.0250	1	04/01/26	04/03/26	
o-Xylene	ND	0.0250	1	04/01/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2614062
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*04/01/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614078
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/02/26	
Surrogate: n-Nonane		*92.9 %*	*69-135*	*04/01/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2614069
Chloride	**704**	40.0	2	04/01/26	04/02/26	

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614062-BLK1)									Prepared: 04/01/26 Analyzed: 04/02/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.69*		*8.00*		*96.1*	*70-130*			
LCS (2614062-BS1)									Prepared: 04/01/26 Analyzed: 04/02/26
Benzene	4.37	0.0250	5.00		87.3	70-130			
Ethylbenzene	4.14	0.0250	5.00		82.7	70-130			
Toluene	4.29	0.0250	5.00		85.9	70-130			
o-Xylene	4.22	0.0250	5.00		84.4	70-130			
p,m-Xylene	8.46	0.0500	10.0		84.6	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			
Matrix Spike (2614062-MS1)				**Source: E603374-07**					Prepared: 04/01/26 Analyzed: 04/02/26
Benzene	5.39	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130			
Toluene	5.27	0.0250	5.00	ND	105	70-130			
o-Xylene	5.10	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			
Matrix Spike Dup (2614062-MSD1)				**Source: E603374-07**					Prepared: 04/01/26 Analyzed: 04/02/26
Benzene	5.63	0.0250	5.00	ND	113	70-130	4.30	20	
Ethylbenzene	5.36	0.0250	5.00	ND	107	70-130	4.74	20	
Toluene	5.53	0.0250	5.00	ND	111	70-130	4.74	20	
o-Xylene	5.34	0.0250	5.00	ND	107	70-130	4.64	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	4.70	20	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	4.68	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614062-BLK1)									Prepared: 04/01/26 Analyzed: 04/02/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*94.0*	*70-130*			
LCS (2614062-BS2)									Prepared: 04/01/26 Analyzed: 04/02/26
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.7*	*70-130*			
Matrix Spike (2614062-MS2)				**Source: E603374-07**					Prepared: 04/01/26 Analyzed: 04/02/26
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.65*		*8.00*		*95.7*	*70-130*			
Matrix Spike Dup (2614062-MSD2)				**Source: E603374-07**					Prepared: 04/01/26 Analyzed: 04/02/26
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	60-137	11.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614078-BLK1)									Prepared: 04/01/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.1*		*50.0*		*88.3*	*69-135*			
LCS (2614078-BS1)									Prepared: 04/01/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	70-131			
Surrogate: n-Nonane	*44.5*		*50.0*		*89.1*	*69-135*			
Matrix Spike (2614078-MS1)				**Source: E603374-06**					Prepared: 04/01/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	62-151			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.5*	*69-135*			
Matrix Spike Dup (2614078-MSD1)				**Source: E603374-06**					Prepared: 04/01/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	62-151	3.16	20	
Surrogate: n-Nonane	*44.1*		*50.0*		*88.2*	*69-135*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/6/2026 4:44:42PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614069-BLK1)									Prepared: 04/01/26 Analyzed: 04/02/26
Chloride	ND	20.0							
LCS (2614069-BS1)									Prepared: 04/01/26 Analyzed: 04/02/26
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2614069-MS1)				**Source: E603374-07**					Prepared: 04/01/26 Analyzed: 04/02/26
Chloride	1250	200	250	1030	85.8	80-120			
Matrix Spike Dup (2614069-MSD1)				**Source: E603374-07**					Prepared: 04/01/26 Analyzed: 04/02/26
Chloride	1260	200	250	1030	90.1	80-120	0.874	20	

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

Definitions and Notes

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/06/26 16:44

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E603374	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number ~~01058-0004~~ 23003-0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Rush 4/1/26

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
916	3/30/2026	S	1	FS01 - 2.5'		1									X			3.1	
917	3/30/2026	S	1	FS02 - 2.5'		2									X			3.2	
919	3/30/2026	S	1	FS03 - 2.5'		3									X			1.9	
920	3/30/2026	S	1	FS04 - 2.5'		4									X			2.2	
921	3/30/2026	S	1	FS05 - 2.5'		5									X			2.3	
922	3/30/2026	S	1	FS06 - 2.5'		6									X			2.0	
923	3/30/2026	S	1	FS07 - 2.5'		7									X			2.7	
924	3/30/2026	S	1	FS08 - 2.5'		8									X			2.8	
926	3/30/2026	S	1	FS09 - 2.5'		9									X			3.1	
927	3/30/2026	S	1	FS10 - 2.5'		10									X			2.0	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03-31-26	0719	Michelle Gonzales	3-31-26	0719
Michelle Gonzales	3.31.26	1415	Nathan Gonzales	3-31-26	1415
Nathan Gonzales	3.31.26	1800	Johnny Archuleta	3-31-26	1800
Johnny Archuleta	3-31-26	2200	Joe Sato	4-1-26	0600
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E603374	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number ~~01058-0007~~ 23003-0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

PASS11/26

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	
928	3/30/2026	S	1	FS11 - 2.5'		11									X		
930	3/30/2026	S	1	FS12 - 2.5'		12									X		
931	3/30/2026	S	1	FS13 - 2.5'		13									X		
1030	3/30/2026	S	1	FS14 - 2.5'		14									X		
934	3/30/2026	S	1	FS15 - 2.5'		15									X		

Analysis and Method

EPA Program			
SDWA	CWA	RCRA	
Compliance	Y	or	N
PWSID #			

Sample Temp	Remarks
1.2	
1.3	
2.9	
2.2	
2.4	

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03-31-26	0719	Michelle Gonzales	3.31.26	0719
Michelle Gonzales	3-31-26	1415	Nathan Gonzales	3-31-26	1415
Nathan Gonzales	3-31-26	1800	Johnny Archuleta	3-31-26	1800
Johnny Archuleta	3-31-26	2200	[signature]	4-1-26	0600
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/1/2026 12:02:24PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Production Company	Date Received:	04/01/26 06:00	Work Order ID:	E603374
Phone:	(972) 371-5200	Date Logged In:	03/31/26 16:06	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/07/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name:	Anne Com 15 TB
Work Order:	E604012
Job Number:	23003-0002
Received:	4/2/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/7/26

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

Date Reported: 4/7/26

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E604012
Date Received: 4/2/2026 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/2/2026 5:00:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Laboratory Administrator
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Sample Summary

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/07/26 16:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS16-1'	E604012-01A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS17-1'	E604012-02A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS18-1'	E604012-03A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS19-1'	E604012-04A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS20-1'	E604012-05A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS21-1'	E604012-06A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS22-1'	E604012-07A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS23-1'	E604012-08A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS24-1'	E604012-09A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS16-1'

E604012-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	**834**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**335**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*99.8 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**1600**	40.0	2	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS17-1'

E604012-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.5 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	**60.2**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**66.7**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*98.4 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**1370**	40.0	2	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS18-1'

E604012-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.6 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	**1130**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**317**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*99.1 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**11000**	200	10	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS19-1'

E604012-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.3 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	**153**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**133**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*97.5 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**5470**	100	5	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS20-1'

E604012-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.6 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*99.9 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**5350**	100	5	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS21-1'

E604012-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.9 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	**246**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**169**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*98.4 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**15400**	400	20	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS22-1'

E604012-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.1 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*97.4 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**2800**	40.0	2	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS23-1'

E604012-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.4 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	**2800**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**2070**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*96.7 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**3300**	100	5	04/03/26	04/03/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

FS24-1'

E604012-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Benzene	ND	0.0250	1	04/02/26	04/04/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/04/26	
Toluene	ND	0.0250	1	04/02/26	04/04/26	
o-Xylene	ND	0.0250	1	04/02/26	04/04/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/04/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2614095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*04/02/26*	*04/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2614115
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/03/26	
Surrogate: n-Nonane		*96.5 %*	*69-135*	*04/02/26*	*04/03/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614138
Chloride	**12100**	100	5	04/03/26	04/03/26	

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614095-BLK1)									Prepared: 04/02/26 Analyzed: 04/04/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.44*		*8.00*		*105*	*70-130*			
LCS (2614095-BS1)									Prepared: 04/02/26 Analyzed: 04/04/26
Benzene	4.35	0.0250	5.00		87.1	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.5	70-130			
Toluene	4.29	0.0250	5.00		85.8	70-130			
o-Xylene	4.22	0.0250	5.00		84.4	70-130			
p,m-Xylene	8.43	0.0500	10.0		84.3	70-130			
Total Xylenes	12.7	0.0250	15.0		84.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.39*		*8.00*		*105*	*70-130*			
Matrix Spike (2614095-MS1)				**Source: E604013-03**					Prepared: 04/02/26 Analyzed: 04/04/26
Benzene	4.98	0.0250	5.00	ND	99.6	70-130			
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	70-130			
Toluene	4.85	0.0250	5.00	ND	97.0	70-130			
o-Xylene	4.78	0.0250	5.00	ND	95.6	70-130			
p,m-Xylene	9.51	0.0500	10.0	ND	95.1	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.31*		*8.00*		*104*	*70-130*			
Matrix Spike Dup (2614095-MSD1)				**Source: E604013-03**					Prepared: 04/02/26 Analyzed: 04/06/26
Benzene	4.48	0.0250	5.00	ND	89.7	70-130	10.5	20	
Ethylbenzene	4.44	0.0250	5.00	ND	88.9	70-130	4.98	20	
Toluene	4.54	0.0250	5.00	ND	90.8	70-130	6.64	20	
o-Xylene	4.54	0.0250	5.00	ND	90.8	70-130	5.18	20	
p,m-Xylene	9.08	0.0500	10.0	ND	90.8	70-130	4.63	20	
Total Xylenes	13.6	0.0250	15.0	ND	90.8	70-130	4.81	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.41*		*8.00*		*105*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614095-BLK1)									Prepared: 04/02/26 Analyzed: 04/04/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.95*		*8.00*		*99.4*	*70-130*			
LCS (2614095-BS2)									Prepared: 04/02/26 Analyzed: 04/04/26
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.94*		*8.00*		*99.3*	*70-130*			
Matrix Spike (2614095-MS2)				**Source: E604013-03**					Prepared: 04/02/26 Analyzed: 04/04/26
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0	ND	111	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		*8.00*		*99.5*	*70-130*			
Matrix Spike Dup (2614095-MSD2)				**Source: E604013-03**					Prepared: 04/02/26 Analyzed: 04/04/26
Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	60-137	5.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.07*		*8.00*		*101*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614115-BLK1)									Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*69-135*			
LCS (2614115-BS1)									Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	261	25.0	250		104	70-131			
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*69-135*			
Matrix Spike (2614115-MS1)				**Source: E604012-07**					Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	62-151			
Surrogate: n-Nonane	*49.9*		*50.0*		*99.7*	*69-135*			
Matrix Spike Dup (2614115-MSD1)				**Source: E604012-07**					Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	62-151	0.338	20	
Surrogate: n-Nonane	*49.7*		*50.0*		*99.5*	*69-135*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/7/2026 4:48:20PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614138-BLK1)									Prepared: 04/03/26 Analyzed: 04/03/26
Chloride	ND	20.0							
LCS (2614138-BS1)									Prepared: 04/03/26 Analyzed: 04/03/26
Chloride	274	20.0	250		110	90-110			
Matrix Spike (2614138-MS1)				**Source: E604012-05**					Prepared: 04/03/26 Analyzed: 04/03/26
Chloride	5300	100	250	5350	NR	80-120			M4
Matrix Spike Dup (2614138-MSD1)				**Source: E604012-05**					Prepared: 04/03/26 Analyzed: 04/03/26
Chloride	5900	100	250	5350	221	80-120	10.7	20	M4

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

Definitions and Notes

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/07/26 16:48

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E604012	Job Number 23003-0002	1D 2D 3D Std: X	NM X, CO, UT, TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1300	3/31/2026	S	1	FS16 - 1'		1									X			0.3	
1301	3/31/2026	S	1	FS17 - 1'		2									X			0.9	
1303	3/31/2026	S	1	FS18 - 1'		3									X			1.6	
1305	3/31/2026	S	1	FS19 - 1'		4									X			0.9	
1307	3/31/2026	S	1	FS20 - 1'		5									X			1.0	
1309	3/31/2026	S	1	FS21 - 1'		6									X			1.3	
1310	3/31/2026	S	1	FS22 - 1'		7									X			1.0	
1312	3/31/2026	S	1	FS23 - 1'		8									X			1.4	
1313	3/31/2026	S	1	FS24 - 1'		9									X			1.9	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03-31-26	16:00	Marissa Gonzales	4-1-26	0711
Marissa Gonzales	4-1-26	1245	Nathan Gonzales	4-1-26	1245
Nathan Gonzales	4-1-26	1630	Johnny Archuleta	4-1-26	1630
Johnny Archuleta	4-1-26	2630	NOE SOTO	4-2-26	0500
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) / N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/2/2026 3:01:37PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Production Company	Date Received:	04/02/26 05:00	Work Order ID:	E604012
Phone:	(972) 371-5200	Date Logged In:	04/02/26 06:47	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	04/08/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-NV

Client Instruction

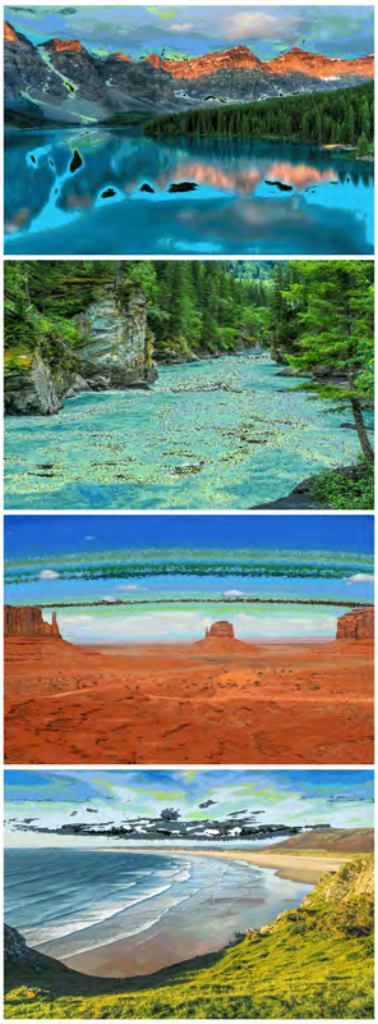
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name:	Anne Com 15 TB
Work Order:	E604014
Job Number:	23003-0002
Received:	4/2/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/8/26

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

Date Reported: 4/8/26

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E604014
Date Received: 4/2/2026 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/2/2026 5:00:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/08/26 13:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS25 - 0.5'	E604014-01A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS26 - 0.5'	E604014-02A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS27 - 0.5'	E604014-03A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS28 - 0.5'	E604014-04A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS29 - 0.5'	E604014-05A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS30 - 0.5'	E604014-06A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS31 - 0.5'	E604014-07A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS32 - 0.5'	E604014-08A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS33 - 0.5'	E604014-09A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS34 - 0.5'	E604014-10A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS35 - 0.5'	E604014-11A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS36 - 0.5'	E604014-12A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
FS37 - 0.5'	E604014-13A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.
SW06 - 0.5-1'	E604014-14A	Soil	03/31/26	04/02/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS25 - 0.5'

E604014-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**29.9**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*94.2 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**458**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS26 - 0.5'

E604014-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.4 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**25.9**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*94.5 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**477**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS27 - 0.5'

E604014-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.5 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**30.7**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*95.7 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**466**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS28 - 0.5'

E604014-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.3 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**26.4**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*93.8 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**483**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS29 - 0.5'

E604014-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.2 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*96.1 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**475**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS30 - 0.5'

E604014-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.6 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**27.7**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*96.3 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**464**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS31 - 0.5'

E604014-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*87.7 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**34.4**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*104 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**467**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS32 - 0.5'

E604014-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.3 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*95.1 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**425**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS33 - 0.5'

E604014-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.1 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*95.5 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**469**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS34 - 0.5'

E604014-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**38.8**	25.0	1	04/02/26	04/02/26	
Oil Range Organics (C28-C36)	**52.7**	50.0	1	04/02/26	04/02/26	
Surrogate: n-Nonane		*91.4 %*	*69-135*	*04/02/26*	*04/02/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**412**	40.0	2	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS35 - 0.5'

E604014-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.2 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/03/26	
Surrogate: n-Nonane		*93.4 %*	*69-135*	*04/02/26*	*04/03/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**464**	40.0	2	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS36 - 0.5'

E604014-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.5 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**32.0**	25.0	1	04/02/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/03/26	
Surrogate: n-Nonane		*94.4 %*	*69-135*	*04/02/26*	*04/03/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**446**	40.0	2	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

FS37 - 0.5'

E604014-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**27.0**	25.0	1	04/02/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/03/26	
Surrogate: n-Nonane		*94.1 %*	*69-135*	*04/02/26*	*04/03/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**435**	20.0	1	04/03/26	04/06/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

SW06 - 0.5-1'

E604014-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Benzene	ND	0.0250	1	04/02/26	04/03/26	
Ethylbenzene	ND	0.0250	1	04/02/26	04/03/26	
Toluene	ND	0.0250	1	04/02/26	04/03/26	
o-Xylene	ND	0.0250	1	04/02/26	04/03/26	
p,m-Xylene	ND	0.0500	1	04/02/26	04/03/26	
Total Xylenes	ND	0.0250	1	04/02/26	04/03/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2614094
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/26	04/03/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*04/02/26*	*04/03/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2614116
Diesel Range Organics (C10-C28)	**35.5**	25.0	1	04/02/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/26	04/03/26	
Surrogate: n-Nonane		*93.7 %*	*69-135*	*04/02/26*	*04/03/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2614139
Chloride	**444**	20.0	1	04/03/26	04/06/26	

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614094-BLK1)									Prepared: 04/02/26 Analyzed: 04/03/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.18*		*8.00*		*89.8*	*70-130*			
LCS (2614094-BS1)									Prepared: 04/02/26 Analyzed: 04/03/26
Benzene	4.94	0.0250	5.00		98.9	70-130			
Ethylbenzene	4.60	0.0250	5.00		92.1	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.73	0.0250	5.00		94.5	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.21*		*8.00*		*90.2*	*70-130*			
Matrix Spike (2614094-MS1)				**Source: E604014-06**					Prepared: 04/02/26 Analyzed: 04/03/26
Benzene	5.00	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.67	0.0250	5.00	ND	93.3	70-130			
Toluene	4.94	0.0250	5.00	ND	98.8	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.8	70-130			
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.01*		*8.00*		*87.6*	*70-130*			
Matrix Spike Dup (2614094-MSD1)				**Source: E604014-06**					Prepared: 04/02/26 Analyzed: 04/03/26
Benzene	4.92	0.0250	5.00	ND	98.4	70-130	1.66	20	
Ethylbenzene	4.60	0.0250	5.00	ND	91.9	70-130	1.49	20	
Toluene	4.85	0.0250	5.00	ND	97.0	70-130	1.85	20	
o-Xylene	4.63	0.0250	5.00	ND	92.7	70-130	2.31	20	
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130	1.56	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.5	70-130	1.81	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.02*		*8.00*		*87.8*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614094-BLK1)									Prepared: 04/02/26 Analyzed: 04/03/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*70-130*			
LCS (2614094-BS2)									Prepared: 04/02/26 Analyzed: 04/03/26
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.5*	*70-130*			
Matrix Spike (2614094-MS2)				**Source: E604014-06**					Prepared: 04/02/26 Analyzed: 04/03/26
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			
Matrix Spike Dup (2614094-MSD2)				**Source: E604014-06**					Prepared: 04/02/26 Analyzed: 04/03/26
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	60-137	6.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614116-BLK1)									Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.2*	*69-135*			
LCS (2614116-BS1)									Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	264	25.0	250		106	70-131			
Surrogate: n-Nonane	*48.3*		*50.0*		*96.7*	*69-135*			
Matrix Spike (2614116-MS1)				**Source: E604014-12**					Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	295	25.0	250	32.0	105	62-151			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.5*	*69-135*			
Matrix Spike Dup (2614116-MSD1)				**Source: E604014-12**					Prepared: 04/02/26 Analyzed: 04/02/26
Diesel Range Organics (C10-C28)	280	25.0	250	32.0	99.2	62-151	5.17	20	
Surrogate: n-Nonane	*46.2*		*50.0*		*92.4*	*69-135*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/8/2026 1:50:37PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2614139-BLK1)									Prepared: 04/03/26 Analyzed: 04/06/26
Chloride	ND	20.0							
LCS (2614139-BS1)									Prepared: 04/03/26 Analyzed: 04/06/26
Chloride	266	20.0	250		106	90-110			
Matrix Spike (2614139-MS1)				**Source: E604014-07**					Prepared: 04/03/26 Analyzed: 04/06/26
Chloride	751	20.0	250	467	114	80-120			
Matrix Spike Dup (2614139-MSD1)				**Source: E604014-07**					Prepared: 04/03/26 Analyzed: 04/06/26
Chloride	672	20.0	250	467	81.8	80-120	11.2	20	

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

Definitions and Notes

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/08/26 13:50

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E604014	Job Number 23003-0002	1D 2D 3D Std: X	NM: X CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1221	3/31/2026	S	1	FS25 - 0.5'		1									X			1.8	
1222	3/31/2026	S	1	FS26 - 0.5'		2									X			0.7	
1223	3/31/2026	S	1	FS27 - 0.5'		3									X			1.1	
1225	3/31/2026	S	1	FS28 - 0.5'		4									X			2.2	
1224	3/31/2026	S	1	FS29 - 0.5'		5									X			1.9	
1226	3/31/2026	S	1	FS30 - 0.5'		6									X			1.1	
1244	3/31/2026	S	1	FS31 - 0.5'		7									X			1.8	
1229	3/31/2026	S	1	FS32 - 0.5'		8									X			2.1	
1230	3/31/2026	S	1	FS33 - 0.5'		9									X			1.6	
1231	3/31/2026	S	1	FS34 - 0.5'		10									X			1.5	

EPA Program: SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03-31-26	16:00	Marissa Gonzales	4-1-26	0714
Marissa Gonzales	4-1-26	1245	Nathan Gonzales	4-1-26	1245
Nathan Gonzales	4-1-26	1630	Johnny Archuleta	4-1-26	1630
Johnny Archuleta	4-1-26	2030		4-2-26	0500
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

Envirotech Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E604014	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003-0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1245	3/31/2026	S	1	FS35 - 0.5'		11									X			0.8	
1234	3/31/2026	S	1	FS36 - 0.5'		12									X			1.4	
1235	3/31/2026	S	1	FS37 - 0.5'		13									X			2.1	
1227	3/31/2026	S	1	SW06 - 0.5 - 1'		14									X			1.9	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03-31-26	16:00	Marissa Gonzales	4-1-26	0711
Marissa Gonzales	4-1-26	1245	Nathan Gonzales	4-1-26	1245
Nathan Gonzales	4-1-26	1630	Johnny Archuleta	4-1-26	1630
Johnny Archuleta	4-1-26	2330		4-2-26	0500
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: Y / N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/6/2026 9:50:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Production Company	Date Received:	04/02/26 05:00	Work Order ID:	E604014
Phone:	(972) 371-5200	Date Logged In:	04/02/26 07:05	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	04/08/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-NV

Client Instruction

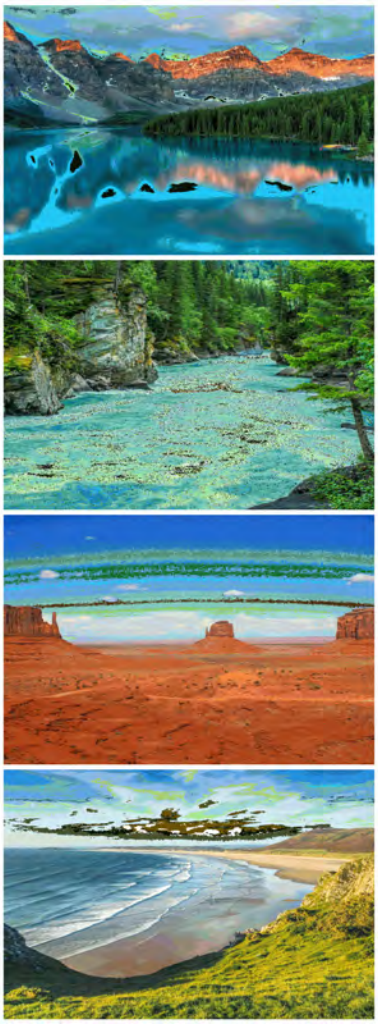
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name:	Anne Com 15 TB
Work Order:	E604164
Job Number:	23003-0002
Received:	4/15/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/21/26

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

Date Reported: 4/21/26

Ashley Giovengo
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Anne Com 15 TB
Workorder: E604164
Date Received: 4/15/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/15/2026 7:00:00AM, under the Project Name: Anne Com 15 TB.

The analytical test results summarized in this report with the Project Name: Anne Com 15 TB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/21/26 12:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS16-2'	E604164-01A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS17-2'	E604164-02A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS18-2'	E604164-03A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS19-2'	E604164-04A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS20-2'	E604164-05A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS21-2'	E604164-06A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS23-2'	E604164-07A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.
FS24-2'	E604164-08A	Soil	04/13/26	04/15/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS16-2'

E604164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.9 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*91.5 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**822**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS17-2'

E604164-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*91.9 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**1390**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS18-2'

E604164-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*88.9 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**984**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS19-2'

E604164-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*86.7 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**1190**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS20-2'

E604164-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*91.6 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**1200**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS21-2'

E604164-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*93.6 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**856**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS23-2'

E604164-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*94.2 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**1240**	20.0	1	04/15/26	04/16/26	

Sample Data

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

FS24-2'

E604164-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Benzene	ND	0.0250	1	04/15/26	04/15/26	
Ethylbenzene	ND	0.0250	1	04/15/26	04/15/26	
Toluene	ND	0.0250	1	04/15/26	04/15/26	
o-Xylene	ND	0.0250	1	04/15/26	04/15/26	
p,m-Xylene	ND	0.0500	1	04/15/26	04/15/26	
Total Xylenes	ND	0.0250	1	04/15/26	04/15/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2616055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/15/26	04/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*04/15/26*	*04/15/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2616061
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/26	04/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/26	04/15/26	
Surrogate: n-Nonane		*84.6 %*	*69-135*	*04/15/26*	*04/15/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2616059
Chloride	**857**	20.0	1	04/15/26	04/16/26	

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2616055-BLK1)									Prepared: 04/15/26 Analyzed: 04/15/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.18*		*8.00*		*89.7*	*70-130*			
LCS (2616055-BS1)									Prepared: 04/15/26 Analyzed: 04/15/26
Benzene	4.73	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.45	0.0250	5.00		89.0	70-130			
Toluene	4.62	0.0250	5.00		92.4	70-130			
o-Xylene	4.51	0.0250	5.00		90.1	70-130			
p,m-Xylene	9.10	0.0500	10.0		91.0	70-130			
Total Xylenes	13.6	0.0250	15.0		90.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.48*		*8.00*		*93.5*	*70-130*			
Matrix Spike (2616055-MS1)				**Source: E604165-04**					Prepared: 04/15/26 Analyzed: 04/15/26
Benzene	5.13	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.82	0.0250	5.00	ND	96.3	70-130			
Toluene	5.01	0.0250	5.00	ND	100	70-130			
o-Xylene	4.90	0.0250	5.00	ND	97.9	70-130			
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.33*		*8.00*		*91.7*	*70-130*			
Matrix Spike Dup (2616055-MSD1)				**Source: E604165-04**					Prepared: 04/15/26 Analyzed: 04/15/26
Benzene	5.20	0.0250	5.00	ND	104	70-130	1.48	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	70-130	1.82	20	
Toluene	5.08	0.0250	5.00	ND	102	70-130	1.40	20	
o-Xylene	4.96	0.0250	5.00	ND	99.2	70-130	1.34	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130	1.92	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130	1.73	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.20*		*8.00*		*89.9*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2616055-BLK1)									Prepared: 04/15/26 Analyzed: 04/15/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.4*	*70-130*			
LCS (2616055-BS2)									Prepared: 04/15/26 Analyzed: 04/15/26
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.8	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.2*	*70-130*			
Matrix Spike (2616055-MS2)				**Source: E604165-04**					Prepared: 04/15/26 Analyzed: 04/15/26
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.5	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
Matrix Spike Dup (2616055-MSD2)				**Source: E604165-04**					Prepared: 04/15/26 Analyzed: 04/15/26
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	60-137	1.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2616061-BLK1)									Prepared: 04/15/26 Analyzed: 04/15/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.4*		*50.0*		*90.9*	*69-135*			
LCS (2616061-BS1)									Prepared: 04/15/26 Analyzed: 04/15/26
Diesel Range Organics (C10-C28)	240	25.0	250		96.0	70-131			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*69-135*			
Matrix Spike (2616061-MS1)				**Source: E604165-02**					Prepared: 04/15/26 Analyzed: 04/15/26
Diesel Range Organics (C10-C28)	251	25.0	250	ND	101	62-151			
Surrogate: n-Nonane	*47.4*		*50.0*		*94.7*	*69-135*			
Matrix Spike Dup (2616061-MSD1)				**Source: E604165-02**					Prepared: 04/15/26 Analyzed: 04/15/26
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	62-151	0.451	20	
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*69-135*			

QC Summary Data

Matador Production Company	Project Name:	Anne Com 15 TB	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/21/2026 12:12:10PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2616059-BLK1)									Prepared: 04/15/26 Analyzed: 04/16/26
Chloride	ND	20.0							
LCS (2616059-BS1)									Prepared: 04/15/26 Analyzed: 04/16/26
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2616059-MS1)				**Source: E604163-03**					Prepared: 04/15/26 Analyzed: 04/16/26
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2616059-MSD1)				**Source: E604163-03**					Prepared: 04/15/26 Analyzed: 04/16/26
Chloride	263	20.0	250	ND	105	80-120	0.877	20	

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

Definitions and Notes

Matador Production Company	Project Name:	Anne Com 15 TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/21/26 12:12

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/17/2026 4:05:46 PM
Received by OCD: 6/8/2026 2:30:20 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E6041164	1D 2D 3D Std	NM CO UT TX
Project Name: Anne Com 15 TB	Address: 3122 National Parks Hwy	Job Number 23003.0002	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Chloride 300.0; TCEQ 1005 - TX; RCRA 8 Metals; BGDOC - NM; BGDOC - TX

EPA Program: SDWA | CWA | RCRA; Compliance Y or N; PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	BGDOC - NM	Sample Temp	Remarks
1035	4/13/2026	S	1	FS16 - 2'		1	X	4.2	
1036	4/13/2026	S	1	FS17 - 2'		2	X	1.7	
1037	4/13/2026	S	1	FS18 - 2'		3	X	1.4	
1045	4/13/2026	S	1	FS19 - 2'		4	X	1.7	
1039	4/13/2026	S	1	FS20 - 2'		5	X	2.3	
1040	4/13/2026	S	1	FS21 - 2'		6	X	1.7	
1049	4/13/2026	S	1	FS23 - 2'		7	X	1.7	
1050	4/13/2026	S	1	FS24 - 2'		8	X	1.7	

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	04-13-26	15:30	Michelle Gonzales	4-14-26	0711
Michelle Gonzales	4-14-26	1515	Nathan Gonzales	4-14-26	1515
Nathan Gonzales	4-14-26	1900	Johnny Archuleta	4-14-26	1900
Johnny Archuleta	4-14-26	2300	Cruth Mas	4.15.26	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 4/15/2026 10:49:16AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Production Company	Date Received:	04/15/26 07:00	Work Order ID:	E604164
Phone:	(972) 371-5200	Date Logged In:	04/14/26 16:13	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/21/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-CM
R-DT

Client Instruction

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

Date

envirotech Inc.

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

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516333795**
Incident Name	**NAPP2516333795 ANNE COM 15 TB @ FAPP2203273601**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2203273601] Anne Com 15 Facility Tank Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ANNE COM 15 TB
Date Release Discovered	06/11/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Dump Line | Produced Water | Released: 9 BBL | Recovered: 5 BBL | Lost: 4 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)	water dump line piping on the separator washed out downstream of the dump valve on the water dump line.

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 06/08/2026

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between ½ and 1 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	15400
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	4870
GRO+DRO	(EPA SW-846 Method 8015M)	2800
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		03/26/2026
On what date will (or did) the final sampling or liner inspection occur		03/26/2026
On what date will (or was) the remediation complete(d)		05/28/2026
What is the estimated surface area (in square feet) that will be reclaimed		7036
What is the estimated volume (in cubic yards) that will be reclaimed		274
What is the estimated surface area (in square feet) that will be remediated		7036
What is the estimated volume (in cubic yards) that will be remediated		274
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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff Facility
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 06/08/2026
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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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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**573670**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/14/2026**
What was the (estimated) number of samples that were to be gathered	**8**
What was the sampling surface area in square feet	**1600**

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	7036
What was the total volume (cubic yards) remediated	274
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	7036
What was the total volume (in cubic yards) reclaimed	274
Summarize any additional remediation activities not included by answers (above)	The release extent has been laterally defined in accordance with the approved naturally occurring chloride variance by confirmation sidewall soil samples SW02, SW03, and SW05 collected at depths ranging from 1-foot to 2.5-foot bgs, laterally defined in accordance with the strictest Closure Criteria by delineation soil samples SS01 through SS10 and sidewall soil samples SW01, SW04, and SW06, collected at depths ranging from ground surface to 1-foot bgs at ground surface and 1-foot bgs, and vertically by boreholes BH01 through BH03 and BH02A through BH02D collected at depths ranging from ground surface to 30 feet bgs. Excavation of impacted soil was completed, and excavation floor samples FS01 through FS37, collected at 0.5-2.5-foot bgs were all in compliance with the approved chloride variance.

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

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 06/08/2026

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 593289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure approved.	6/17/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/17/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	6/17/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/17/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	6/17/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	6/17/2026