



March 23, 2026

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

**Re: Deferral Request Report  
Desoto Spring Recycling Pond  
Incident Number nAPP2526466779  
Lea County, New Mexico**

To Whom it May Concern:

Ensolum LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Deferral Request Report (DRR)* to document excavation and soil sampling activities at the Desoto Spring Recycling Pond (Site). The purpose of the Site assessment and soil sampling activities was to address impacts to soil following a release of produced water at the Site. Based on the excavation activities and analytical results from the soil sampling events, Matador is submitting this *DRR*, describing remediation and confirmation sampling activities that have been completed and requesting deferral of final remediation for Incident Number nAPP2526466779 until the Site is reconstructed or the well is plugged and abandoned.

## **SITE DESCRIPTION AND RELEASE SUMMARY**

The Site is located in Unit A, Section 05, Township 26 South, Range 36 East, in Lea County, New Mexico (32.07575°, -103.28251°) and is associated with oil and gas exploration and production operations on private land.

On September 21, 2025, a threaded camlock on an above ground storage tank (AST), failed resulting in the release of approximately 6,354 barrels (bbls) of produced water into a lined secondary containment, onto the pad surface, and into the adjacent pastures. A vacuum truck was dispatched to the Site upon discovery of the release, and 6,300 bbls of produced water were recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD Portal on September 21, 2025, and the release was assigned Incident Number nAPP2526466779.

## **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 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP 01922 POD 1, with a depth to water measurement greater than 101 feet below ground surface (bgs); the groundwater well is located approximately 0.22 miles northwest of the Site. All wells used for depth to groundwater determination are depicted on Figure 1 and the referenced well log and record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 0.58 miles 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 less than 1,000 feet from a freshwater well or spring; CP-00857 POD1 is used for livestock watering purposes and is located approximately 400 feet north of the Site. The Site is not within a 100-year floodplain or overlying a subsurface mine. The Site is in a designated low potential karst occurrence zone. Potential Site receptors are identified on Figure 1.

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

- Benzene: 10 mg/kg
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

## SITE ASSESSMENT ACTIVITIES

Beginning on September 21, 2025, through November 11, 2025, and March 20, 2026, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Soil samples (SS01 through SS45) were collected at depths ranging from ground surface to 1-foot bgs to assess the lateral extent of the release area. Beginning on October 6, 2025, 21 boreholes (BH01 through BH21) were advanced via hand auger within the release extent to assess the vertical extent of impacted soil. The boreholes were advanced to depths ranging from 1-foot to 8 feet bgs.

Due to the release impacting the pad surface and adjacent pastures, a liner integrity inspection of the containment liner appeared to be warranted. A 48-hour advance notice of liner inspection was submitted to the NMOCD via web portal on October 13, 2025. A liner integrity inspection was conducted by Ensolum personnel on October 16, 2025, and the liner was determined to be insufficient to contain the release in question; six holes were identified in the containment liner. Ensolum personnel attempted to advance one borehole via hand auger inside the lined containment; however, a secondary liner was found approximately 0.5 feet bgs below the initial liner. During further investigation, a tertiary liner was found approximately 0.25 feet below the secondary liner. The secondary and tertiary liners were installed below the lined containment prior to the installation of the AST and the lined containment and both the secondary and tertiary liners are found below the entirety of the lined containment. Due to the presence of these liners, the borehole and delineation efforts inside the containment were abandoned and patched as to not further compromise the secondary and tertiary liners beneath the lined containment (see photos 26 through 29 in the photolog in Appendix B).

All soil samples were field screened for TPH utilizing a PetroFLAG<sup>®</sup> soil analyzer system and for chloride utilizing Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. A photographic log documenting delineation soil sampling activities is included in Appendix B. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

All 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. The soil samples were transported

under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (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.

## EXCAVATION SOIL SAMPLING ACTIVITIES

Beginning on January 5, 2026, Ensolum personnel were onsite to oversee the excavation and removal of impacted and waste-containing soil at the Site. Excavation activities were performed using a hydro-vacuum, tracked excavator, backhoe, hand tools, and transport vehicles. The excavation occurred on and off-pad and within the mapped release extent. To direct excavation activities, soil was screened for chloride and TPH in the same manner as previously described. Ensolum personnel collected discrete soil samples from two additional boreholes via hand auger to determine the vertical extent of impacts in the areas of requested deferral. Borehole BH22 was advanced to a depth of 9 feet bgs and borehole BH23 was advanced to a depth of 4 feet bgs.

The excavation depth ranged from 0.5 feet to 7 feet in depth. Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor of the excavation and every 200 square feet from the sidewalls of the excavation. 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. Excavation floor samples FS01 through FS199 were collected at depths ranging from ground surface to 7 feet bgs and excavation sidewall soil samples SW01 through SW34 were collected at depths ranging from the ground surface to 6 feet bgs. The excavation extent and excavation soil sample locations are presented on Figure 3.

The Site excavation area measured approximately 32,567 square feet. A total of approximately 2,376 cubic yards of impacted and waste-containing soil was removed from the excavation extent. The soil was transported and properly disposed of at the North Delaware Basin Landfill Facility in Jal, New Mexico.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS25, SS27, SS31, and SS34 through SS45 were all in compliance with the strictest Closure Criteria at ground surface. Laboratory analytical results for boreholes BH01 through BH23 indicated all COCs were in compliance with the strictest Closure Criteria per NMOCD Table I at depths ranging from 0.5 feet to 9 feet bgs. Preliminary soil samples SS26, SS28 through SS30, SS32, and SS33 exceed the strictest Closure Criteria for TPH and/or chloride at depths ranging from ground surface to 1-foot bgs.

Laboratory analytical results for excavation floor soil samples FS01 through FS58, FS62 through FS65, FS84, FS86, FS90 through FS92, FS95 through FS152, FS154 through FS199, sidewall samples SW01, SW05, SW07 through SW19, SW22 and SW24 through SW34 indicated concentrations for all COCs were compliant with the Site Closure Criteria per NMOCD Table I. COC concentrations for TPH and chloride in excavation floor samples FS59, through FS61, FS66 through FS83, FS85, FS87 through FS89, FS93, FS94, FS153, and sidewall soil samples SW02 through SW04, SW06, SW20, SW21, and SW23 exceeded the Site Closure Criteria. Laboratory analytical results are summarized in Tables 1, 2, and 3, and the complete laboratory analytical reports are included as Appendix D.

## DEFERRAL REQUEST

Matador has removed the gross impacted soil and is requesting deferral of final remediation due to the presence of active production equipment (heater treater, pipe rack, secondary lined containment, produced water storage tank (AST), transfer pumps, and vapor recovery tower), which prevents the full excavation of impacted soil in confirmation sample locations FS59, through FS61, FS66 through FS83, FS85, FS87 through FS89, FS93, FS94, FS153, and sidewall soil samples SW02 through SW04, SW06, SW20, SW21, and SW23. The estimated area with the remaining impacted soil measures approximately 48,852 square feet, based on laboratory results from boreholes BH11, BH22, and BH23, and assuming an average depth of 6.5 feet of impacted material, a total of approximately 11,761 cubic yards of impacted soil remains in place. The deferral area and delineation soil samples are depicted on Figure 4.

- Excavation floor samples FS59 through FS61 and excavation sidewall samples SW20, SW21, and SW23 could not be excavated further due to the presence of the lined secondary containment, storage tank, a 16-inch poly line and other process piping running through the excavation area. The walls of the excavation could not be slopped because of the proximity of this equipment. Further excavation of this area would cause destabilization of the lined containment, storage tank, and poly line and potentially rupture the present line resulting in a subsequent release.
- Excavation floor samples FS66, FS67, and FS75 could not be further excavated due to the presence of the secondary lined containment to the north, the retention pond to the south, and process piping that runs through the excavation area. Further excavation of this area would cause destabilization of the equipment and potentially result in a subsequent release.
- Excavation floor samples FS70 through FS74, FS76 through FS83, FS85, FS87 through FS89, FS93, FS94 and excavation sidewall samples SW02 through SW04 could not be further excavated due to the presence of equipment within these areas and equipment within a lined containment area to the south and west of these areas. Further excavation could destabilize the areas directly beneath the liner and equipment area causing a collapse of the equipment.
- Excavation floor sample FS153 and excavation sidewall sample SW06 could not be further excavated to the presence of production equipment and safety bollards surrounding process piping. Further excavation could destabilize surrounding equipment.

Impacted soil is limited to the areas around active production equipment on pad, where remediation would require a major facility deconstruction. The release extent has been laterally defined by delineation soil samples SS01 through SS25, SS31 and SS34 through SS45 at depths ranging from ground surface to 1-foot bgs and vertically defined by borehole samples BH11 at 6 feet bgs, BH22 at 9 feet bgs, and BH23 at 4 feet bgs.

Matador does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 101 feet bgs, the area is within a low karst potential designation area, and impacted soil was removed to the Maximum Extent Practicable (MEP) during excavation activities. Matador respectfully requests deferral of final remediation for Incident Number nAPP2526466779 until final reclamation of the well pad or major facility deconstruction, whichever comes first.

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

Desoto Spring Recycling Pond  
Matador Production Company  
Deferral Request Report



Sincerely,  
**Ensolum, LLC**

A handwritten signature in black ink, appearing to read "CHAD HAMILTON".

Chad Hamilton  
Project Geologist

A handwritten signature in black ink, appearing to read "DANIEL R. MOIR".

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

cc: Matador

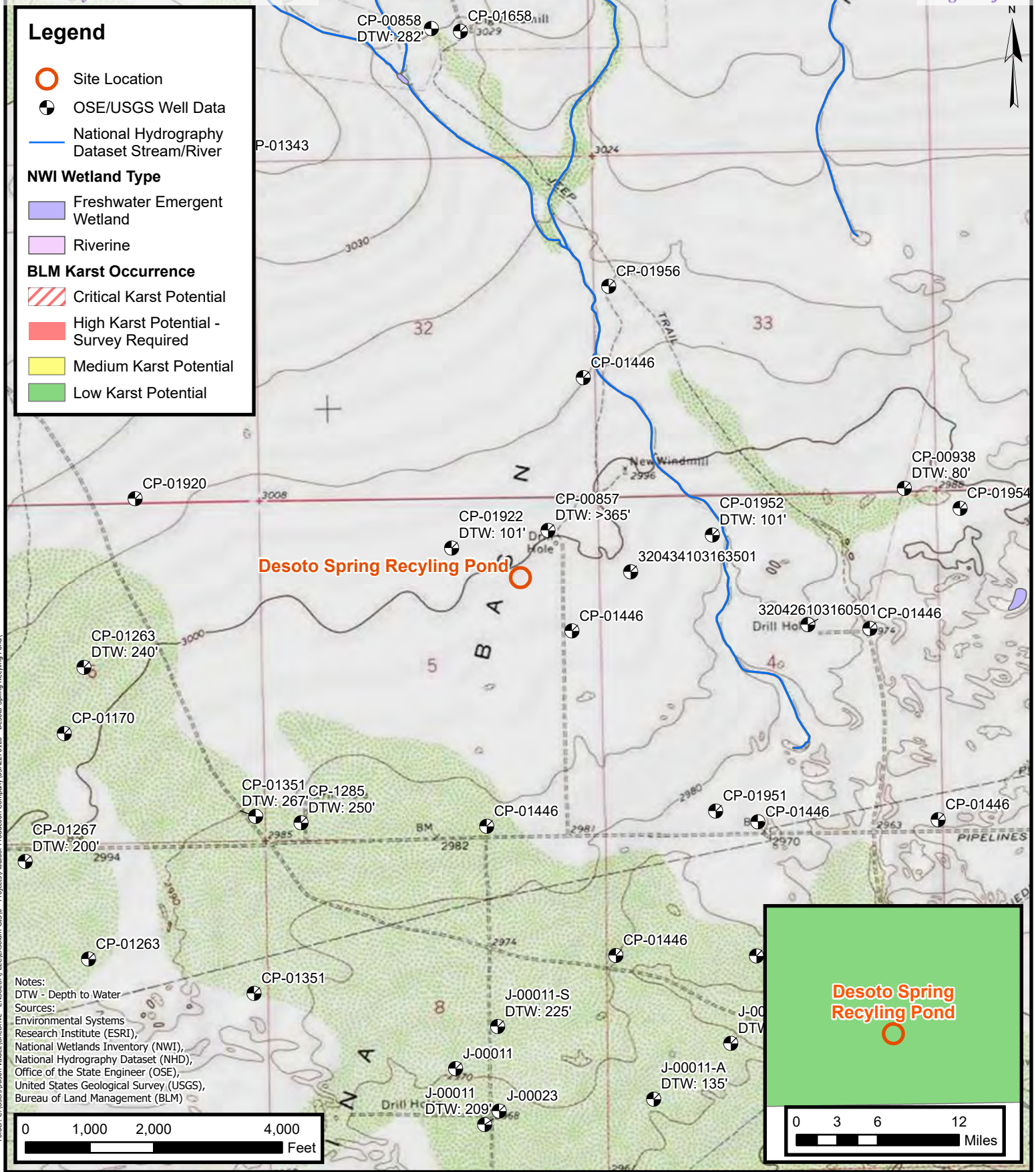
**Appendices:**

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Confirmation Soil Sample Locations
- Figure 4 Area of Requested Deferral
  
- Table 1 Soil Sample Analytical Results (Delineation Soil Samples)
- Table 2 Soil Sample Analytical Results (Confirmation Floor Soil Samples)
- Table 3 Soil Sample Analytical Results (Confirmation Sidewall Soil Samples)
  
- Appendix A Well Log and Record
- Appendix B Photographic Log
- Appendix C Lithologic Soil Sampling Logs
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Correspondence



FIGURES

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Folder: C:\Users\Justin.Velazquez\OneDrive - ENSOLUM, LLC\OneDrive - Projects\Matador Production Company\03A2270120 - Desoto Spring Recycling Pond



**Site Receptor Map**  
 Matador Production Company  
 Desoto Spring Recycling Pond  
 Incident Number: nAPP2526466779  
 Unit A, Section 05, T 26S, R 36E  
 Lea County, New Mexico

**FIGURE**  
**1**



### Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Delineation Soil Sample with Concentrations Exceeding Closure Criteria
- ▲ Point of Release (POR)
- Oil and Gas Utility Line
- Electric Line
- Water Utility Line
- Sidewalk
- Pipeline
- X — Fence
- Liner
- ▭ Berm
- ▭ Electrical
- ▨ Release Extent

Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable Closure Criteria.  
 Red text represents samples that exceed Closure Criteria  
 Grey text represents samples that have been excavated

### Delineation Soil Sample Locations

Matador Production Company  
 Desoto Spring Recycling Pond  
 Incident Number: nAPP2526466779  
 Unit A, Section 05, T 26S, R 36E Lea County, New Mexico

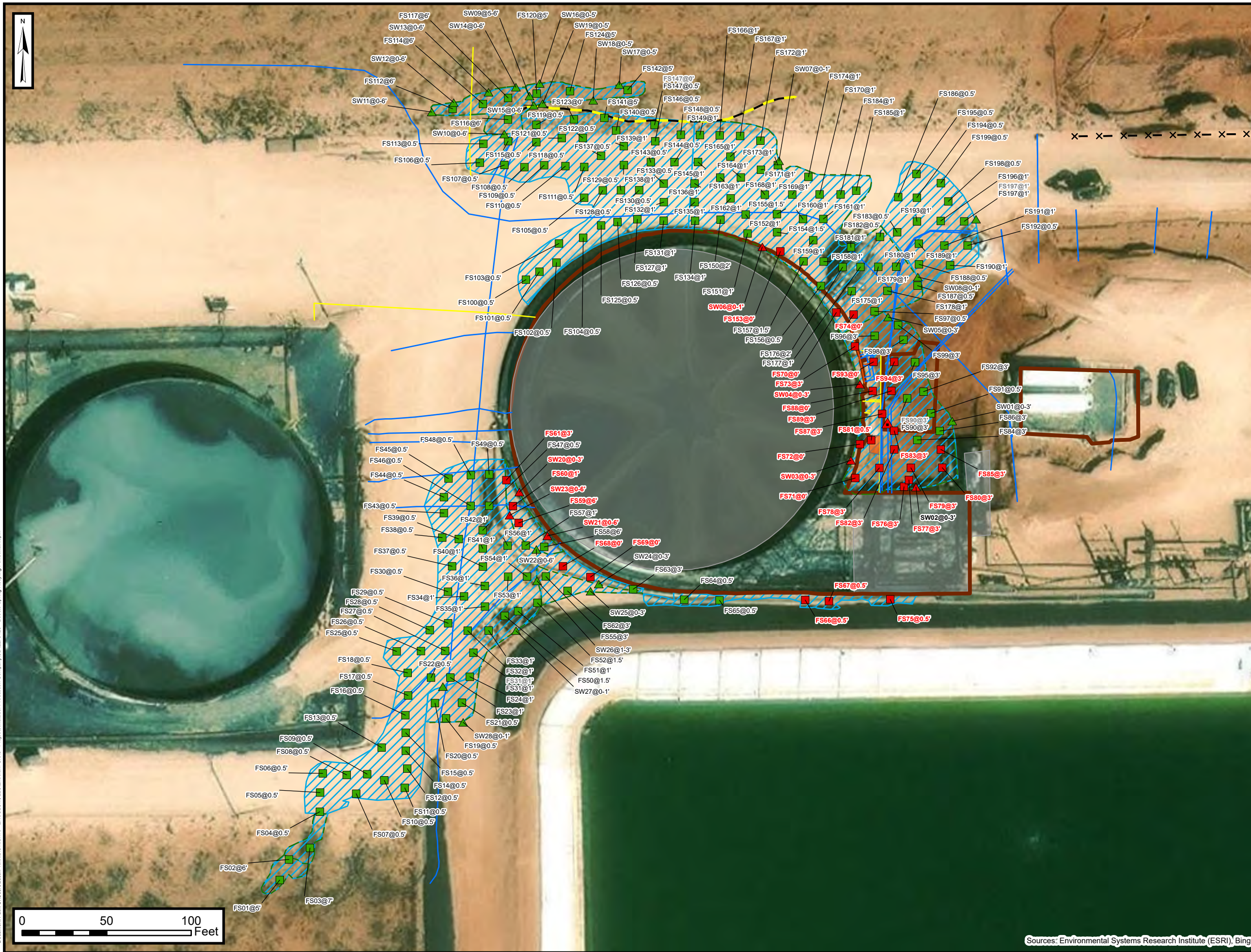
## FIGURE

# 2



Sources: Environmental Systems Research Institute (ESRI), Bing





**Legend**

- Excavation Floor Sample in Compliance with Closure Criteria
- Excavation Floor Sample with Concentrations Exceeding Closure Criteria
- Excavation Sidewall Sample in Compliance with Closure Criteria
- Excavation Sidewall Sample with Concentrations Exceeding Closure Criteria
- Point of Release (POR)
- Oil and Gas Utility Line
- Electric Utility Line
- Water Utility Line
- Sidewall
- Pipeline
- Fence
- Liner
- Berm
- Electrical
- Excavation Extent

**Notes:**  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable Closure Criteria.  
 Red text represents samples that exceed Closure Criteria  
 Grey text represents samples that have been excavated

**Excavation Soil Sample Locations**  
 Matador Production Company  
 Desoto Spring Recycling Pond  
 Incident Number: nAPP2526466779  
 Unit A, Section 05, T 26S, R 36E Lea County, New Mexico

**FIGURE 3**



Sources: Environmental Systems Research Institute (ESRI), Bing





TABLES

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**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
SS01*	9/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS01*	9/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02*	9/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02*	9/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	9/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	9/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	9/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	9/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	9/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	228
SS05	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	182
SS06	9/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.8
SS07	9/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.5
SS07	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	115
SS08	9/25/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	360
SS08	9/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	98.2
SS09	9/25/2025	0.5	<0.0250	<0.0500	<20.0	29.0	<50.0	29.0	<50.0	380
SS09	9/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	51.0
SS10	9/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	389
SS10	9/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	53.8
SS11	9/29/2025	0.5	<0.0250	<0.0500	<20.0	27.4	<50.0	27.4	<50.0	233
SS11	9/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	134
SS12	9/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12	9/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13	9/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.5
SS13	9/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.3
SS14	9/29/2025	0	<0.0250	<0.0500	<20.0	31.8	<50.0	31.8	<50.0	<20.0
SS14	9/29/2025	1	<0.0250	<0.0500	<20.0	34.0	<50.0	34.0	<50.0	178
SS15	9/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	135
SS15	9/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.1
SS16	9/29/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	272
SS16	9/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123
SS17	9/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.9
SS17	9/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
SS18	9/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	115
SS18	9/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.3
SS19	10/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	352
SS19	10/6/2025	1	<0.0250	0.0529	<20.0	<25.0	<50.0	<25.0	<50.0	63.3
SS20	10/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	468
SS20	10/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.0
SS21	10/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	210
SS21	10/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.4
SS22	10/22/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	224
SS22	10/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	146
SS23	10/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	158
SS23	10/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.8
SS24	10/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	101
SS24	10/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.0
SS25	10/22/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	162
SS25	10/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
SS26	11/11/2025	0	<0.0250	<0.0500	<20.0	191	142	191	<b>333</b>	<b>679</b>
SS26	11/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>749</b>
SS27	10/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS27	10/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.4
SS28	11/11/2025	0	<0.0250	<0.0500	<20.0	283	295	283	<b>578</b>	<b>775</b>
SS28	11/11/2025	1	<0.0250	<0.0500	<20.0	85.4	65.9	85.4	<b>151</b>	<b>1,220</b>
SS29	11/11/2025	0	<0.0250	<0.0500	<20.0	252	181	252	<b>433</b>	<b>1,690</b>
SS29	11/11/2025	1	<0.0250	<0.0500	<20.0	48.4	<50.0	48.4	<50.0	<b>1,590</b>
SS30	11/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	832
SS30	11/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	210
SS31	10/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
SS31	10/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	140
SS32	11/11/2025	0	<0.0250	<0.0500	<20.0	109	62.8	109	172	6,730
SS32	11/11/2025	1	<0.0250	<0.0500	<20.0	245	167.0	245	412	1,910
SS33	11/11/2025	0	<0.0250	<0.0500	<20.0	48.2	<50.0	48.2	<50.0	910
SS33	11/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,000
SS34	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170
SS34	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	85.6

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
SS35	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	389
SS35	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	92.9
SS36	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	365
SS36	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	254
SS37	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	302
SS37	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS38	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	157
SS38	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS39	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	98.8
SS39	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS40	10/30/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	233
SS40	10/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	163
SS41	10/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS41	10/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS42	10/31/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS42	10/31/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS43	10/31/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS43	10/31/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS44	10/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS44	10/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	10/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,670
BH01	10/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	894
BH01	10/6/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,300
BH01	10/6/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,150
BH01	10/6/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,380
BH01	10/6/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,020
BH01	10/6/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	229
BH02	10/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,020
BH02	10/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,590
BH02	10/6/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,820
BH02	10/6/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,500
BH02	10/6/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,360
BH02	10/6/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	63.1
BH03	10/6/2025	0	<0.0250	<0.0500	<20.0	262	141	262	403	6,410
BH03	10/6/2025	0.5	<0.0250	<0.0500	<20.0	68.8	<50.0	68.8	<50.0	551



**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
BH03	10/6/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.2
BH03	10/6/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	86.9
BH04	10/7/2025	0	<0.0250	<0.0500	<20.0	292	169	292	461	5,580
BH04	10/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.2
BH05	10/7/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,800
BH05	10/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	532
BH06	10/7/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,460
BH06	10/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	224
BH07	10/7/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,640
BH07	10/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,080
BH07	10/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	48.2
BH08	10/7/2025	0	<0.0250	2.547	34.3	256	82.4	290.3	373	14,000
BH08	10/7/2025	0.5	<0.0250	0.666	32	<25.0	<50.0	32.3	<50.0	1,790
BH08	10/7/2025	1	<0.0250	0.172	<20.0	<25.0	<50.0	<25.0	<50.0	104
BH09	10/7/2025	0	<0.0250	<0.0500	<20.0	76.1	89.9	76.1	166	5,250
BH09	10/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	768
BH09	10/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	464
BH10	10/7/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	525
BH10	10/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	97.5
BH11	10/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,850
BH11	10/8/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,130
BH11	10/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,770
BH11	10/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,090
BH11	10/8/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	717
BH11	10/8/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	898
BH11	10/8/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	591
BH11	10/8/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.6
BH12	10/8/2025	0	<0.0250	<0.0500	<20.0	57.2	<50.0	57.2	57.2	11,600
BH12	10/8/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	480
BH12	10/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	237
BH12	10/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	101
BH13	10/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,470
BH13	10/8/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	364
BH13	10/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	821

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
BH13	10/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	873
BH13	10/8/2025	3	<0.0250	<0.0500	<20.0	29.0	<50.0	29.0	<50.0	461
BH13	10/8/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	565
BH13	10/8/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	466
BH13	10/8/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH14	10/8/2025	0	<0.0250	<0.0500	<20.0	27.4	<50.0	27.4	<50.0	6,210
BH14	10/8/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	310
BH14	10/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
BH14	10/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	10/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	48,800
BH15	10/13/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	10/13/2025	1	<0.0250	<0.0500	<20.0	31.8	<50.0	31.8	<50.0	<20.0
BH16	10/13/2025	0	<0.0250	<0.0500	<20.0	34.0	<50.0	34.0	<50.0	2,090
BH16	10/13/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.2
BH16	10/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.0
BH17	10/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,470
BH17	10/13/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,140
BH17	10/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	450
BH17	10/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.4
BH18	10/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,970
BH18	10/13/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	247
BH18	10/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	110



**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
BH19	10/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25,400
BH19	10/13/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	103
BH19	10/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.4
BH20	10/16/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,350
BH20	10/16/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,540
BH20	10/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,000
BH20	10/16/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	294
BH21	10/16/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,050
BH21	10/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,980
BH21	10/16/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,350
BH21	10/16/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	313
BH22	2/2/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,020
BH22	2/2/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	956
BH22	2/2/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,300
BH22	2/2/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,370
BH22	2/2/2026	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,290
BH22	2/2/2026	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	298
BH23	2/2/2026	3.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,520
BH23	2/2/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	269

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCDC: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

\* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Red text represents samples that exceed Closure Criteria

**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS01	1/9/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS02	1/9/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	521
FS03	1/21/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	199
FS04	1/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	104
FS05	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123
FS06	1/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	190
FS07	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	221
FS08	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	108
FS09	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	309
FS10	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.1
FS11	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	163
FS12	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	130
FS13	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	154
FS14	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	207
FS15	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	447
FS16	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
FS17	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	215
FS18	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.3
FS19	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	301
FS20	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.5
FS21	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	128
FS22	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	60.5
FS23	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119
FS24	1/14/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	108
FS25	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	103
FS26	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	116
FS27	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
FS28	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	403
FS29	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119
FS30	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
FS31	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	797
FS31	1/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122
FS32	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	290
FS33	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	450
FS34	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	166

**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS35	1/14/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	85.9
FS36	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	362
FS37	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.2
FS38	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	88.9
FS39	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	52.1
FS40	1/14/2026	1	<0.0250	0.832	<20.0	<25.0	<50.0	<25.0	<50.0	300
FS41	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.6
FS42	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	452
FS43	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	365
FS44	1/14/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	473
FS45	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	238
FS46	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	431
FS47	1/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	180
FS48	1/21/2026	0.5	<0.0250	<0.0500	<20.0	55.0	<50.0	55.0	55.0	407
FS49	1/21/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	63.6
FS50	1/15/2026	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	343
FS51	1/14/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	403
FS52	1/15/2026	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	396
FS53	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	454
FS54	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	475
FS55	1/12/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	469
FS56	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	150
FS57	1/15/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	410
FS58	1/13/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.3
FS59	1/13/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,500
FS60	1/13/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,930
FS61	1/13/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,190
FS62	1/12/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS63	1/13/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	367
FS64	1/6/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	253
FS65	1/6/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	261
FS66	1/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,290
FS67	1/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	770
FS68	1/21/2026	0	<0.0250	<0.0500	<20.0	62.7	<50.0	62.7	62.7	37,800

**TABLE 2**  
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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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS69	1/21/2026	0	<0.0250	<0.0500	<20.0	324	251	324	<b>575</b>	<b>43,800</b>
FS70	1/21/2026	0	<0.0250	<0.0500	<20.0	107	97.4	107	<b>204</b>	<b>20,400</b>
FS71	1/12/2026	0	<0.0250	<0.0500	<20.0	674	689	674	<b>1,363</b>	<b>5,750</b>
FS72	1/12/2026	0	<0.0250	<0.0500	<20.0	1,810	1,470	1,810	<b>3,280</b>	<b>10,900</b>
FS73	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>1,820</b>
FS74	1/16/2026	0	<0.0250	<0.0500	<20.0	109	109	109	<b>218</b>	<b>6,150</b>
FS75	1/7/2026	0.5	<0.0250	<0.0500	<20.0	174	233	174	<b>407</b>	<b>1,020</b>
FS76	1/12/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>7,180</b>
FS77	1/12/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>5,240</b>
FS78	1/12/2026	3	<0.0250	<0.0500	<20.0	69.7	66.0	69.7	<b>136</b>	<b>727</b>
FS79	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>3,760</b>
FS80	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>1,020</b>
FS81	1/21/2026	0.5	<0.0250	0.200	<20.0	6,890	3,800	6,890	<b>10,690</b>	<b>47,600</b>
FS82	1/12/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>7,510</b>
FS83	1/12/2026	3	<0.0250	<0.0500	<20.0	2,910	1,300	2,910	<b>4,210</b>	<b>1,690</b>
FS84	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	245
FS85	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>793</b>
FS86	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	324
FS87	1/12/2026	3	<0.0250	<0.0500	<20.0	986	596	986	<b>1,582</b>	<b>733</b>
FS88	1/12/2026	0	<0.0250	<0.0500	<20.0	524	465	524	<b>989</b>	<b>10,100</b>
FS89	1/21/2026	3	<0.0250	<0.0500	<20.0	50.2	<50.0	50.2	50.2	<b>1,060</b>
FS90	1/21/2026	3	<0.0250	<0.0500	<20.0	153	91.9	153	245	237
FS90	2/2/2026	3	<0.0250	<0.0500	<20.0	42.8	<50.0	42.8	<50.0	89.7
FS91	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	188
FS92	1/12/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	304
FS93	1/12/2026	0	<0.0250	<0.0500	<20.0	481	429	481	<b>910</b>	<b>4,840</b>
FS94	1/21/2026	3	<0.0250	<0.0500	<20.0	58.5	54.8	58.5	<b>113</b>	<b>944</b>
FS95	1/12/2026	3	<0.0250	<0.0500	<20.0	44.1	<50.0	44.1	<50.0	172
FS96	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	598
FS97	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	246
FS98	1/21/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS99	1/21/2026	3	<0.0250	<0.0500	<20.0	26.0	<50.0	26.0	<50.0	214
FS100	1/27/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	380
FS101	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	325



**TABLE 2**  
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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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS102	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	121
FS103	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	308
FS104	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.8
FS105	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	286
FS106	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	235
FS107	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	95.4
FS108	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	210
FS109	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	327
FS110	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS111	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	145
FS112	1/14/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
FS113	1/21/2026	0.5	<0.0250	<0.0500	<20.0	30.8	<50.0	30.8	<50.0	173
FS114	1/13/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.9
FS115	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	263
FS116	1/13/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.3
FS117	1/14/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS118	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	171
FS119	2/2/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	349
FS120	1/14/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	283
FS121	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
FS122	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	474
FS123	1/27/2026	0	<0.0250	<0.0500	<20.0	69.4	<50.0	69.4	69.4	107
FS124	1/14/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	329
FS125	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123
FS126	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	180
FS127	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	175
FS128	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	55.7
FS129	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	167
FS130	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	440
FS131	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	237
FS132	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	476
FS133	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.3
FS134	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	238

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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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS135	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	115
FS136	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	418
FS137	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	467
FS138	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	512
FS139	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	326
FS140	2/2/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	185
FS141	1/13/2026	5	<0.0250	<0.0500	<20.0	25.0	<50.0	25.0	<50.0	29.2
FS142	1/13/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS143	2/10/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	86.5
FS144	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	285
FS145	1/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117
FS146	1/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	308
FS147	1/16/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,010
FS147	2/2/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	293
FS148	2/2/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	325
FS149	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	335
FS150	2/2/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	149
FS151	1/19/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	241
FS152	1/19/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	232
FS153	1/21/2026	0	<0.0250	<0.0500	<20.0	745	555	745	<b>1,300</b>	<b>11,700</b>
FS154	2/2/2026	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	105
FS155	2/2/2026	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	203
FS156	1/27/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	107
FS157	2/2/2026	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	365
FS158	1/16/2026	1	<0.0250	<0.0500	<20.0	73.1	<50.0	73.1	73.1	391
FS159	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	404
FS160	1/19/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	371
FS161	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	268
FS162	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	421
FS163	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.4
FS164	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS165	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	351
FS166	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.3
FS167	1/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	365
FS168	1/21/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	198



**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS169	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.8
FS170	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.5
FS171	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	101
FS172	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	91.6
FS173	1/16/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.8
FS174	1/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	190
FS175	1/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.2
FS176	2/2/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	373
FS177	1/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS178	1/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	381
FS179	1/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	366
FS180	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.0
FS181	1/21/2026	1	<0.0250	<0.0500	<20.0	59.3	<50.0	59.3	59.3	373
FS182	1/21/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	369
FS183	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	327
FS184	1/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	412
FS185	1/20/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	82.5
FS186	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	216
FS187	1/21/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	313
FS188	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	271
FS189	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
FS190	1/21/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	273



**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Floor Soil Samples</b>										
FS191	1/21/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	311
FS192	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	485
FS193	2/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS194	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	265
FS195	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	223
FS196	1/21/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	293
FS197	1/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	746
FS197	2/10/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
FS198	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	228
FS199	1/20/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	263

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCDC: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

\* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Red text represents samples that exceed Closure Criteria



**TABLE 3**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
 Lea 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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Sidewall Soil Samples</b>										
SW01	1/7/2026	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	246
SW02	1/12/2026	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>13,300</b>
SW03	1/12/2026	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>12,600</b>
SW04	1/12/2026	0-3	<0.0250	<0.0500	<20.0	499	205	499	<b>704</b>	<b>3,340</b>
SW05	1/22/2025	0-3	<0.0250	<0.0500	<20.0	31.4	<50.0	31.4	<50.0	214
SW06	1/22/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>3,600</b>
SW07	2/2/2026	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	157
SW08	1/22/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	91.6
SW09	1/22/2025	5-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW10	1/22/2025	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	194
SW11	1/21/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.5
SW12	1/21/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	140
SW13	1/21/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW14	1/22/2025	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW15	1/21/2025	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.9
SW16	1/22/2025	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW17	1/22/2025	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW18	1/21/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW19	1/21/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW20	1/22/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>3,540</b>
SW21	1/22/2025	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>2,370</b>
SW22	2/2/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.1
SW23	2/2/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>1,250</b>
SW24	1/22/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	351



**TABLE 3**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Desoto Spring Recycling Pond  
 Matador Production Company  
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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)
<b>NMOCDC Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Sidewall Soil Samples</b>										
SW25	1/22/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	51.0
SW26	2/2/2026	1-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	173
SW27	1/22/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.7
SW28	1/22/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.4
SW29	1/27/2026	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.8
SW30	1/9/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	72.6
SW31	1/9/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW32	1/9/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW33	1/9/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW34	1/9/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

**Notes:**

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Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

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DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Red text represents samples that exceed Closure Criteria



## APPENDIX A

### Well Record and Log

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO. (WELL NO.) <b>POD-1</b>		WELL TAG ID NO. n/a		OSE FILE NO(S). <b>CP-1922</b>			
	WELL OWNER NAME(S) <b>Amerdev Operating, LLC</b>				PHONE (OPTIONAL) <b>737-300-4700</b>			
	WELL OWNER MAILING ADDRESS <b>2901 Via Fortuna Suite 600</b>				CITY <b>Austin</b>	STATE <b>TX</b>	ZIP <b>78746</b>	
	WELL LOCATION (FROM GPS)	DEGREES <b>32</b>		MINUTES <b>4</b>	SECONDS <b>38.51</b>	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE <b>N</b>		LONGITUDE <b>103 17 9.02 W</b>				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE <b>SW NW NE Sec.5 T26S R36S NMPM</b>								
<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO. <b>1249</b>		NAME OF LICENSED DRILLER <b>Jackie D. Atkins</b>			NAME OF WELL DRILLING COMPANY <b>Atkins Engineering Associates, Inc.</b>		
	DRILLING STARTED <b>9/21/2022</b>		DRILLING ENDED <b>9/21/2022</b>		DEPTH OF COMPLETED WELL (FT) <b>temporary well material</b>	BORE HOLE DEPTH (FT) <b>±101</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>n/a</b>	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>n/a</b>	DATE STATIC MEASURED <b>7/26/2022</b>	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: <b>Hollow Stem Auger</b>						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	101	±6.25"	Boring-HSA	--	--	--	--
<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

OSE DJI SEP 30 2022 PM 1:25

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO. <b>CP-1922</b>	POD NO. <b>1</b>	TRN NO. <b>733954</b>	
LOCATION <b>26S. 36E. 05 312</b>	WELL TAG ID NO.	PAGE 1 OF 2	



Mike A. Hamman, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER

Trn Nbr: 733954  
File Nbr: CP 01922  
Well File Nbr: CP 01922 POD 1

Oct. 04, 2022

ANDREW PARKER  
AMEREDEV OPERATING LLC  
2901 VIA FORTUNA SUITE 600  
AUSTIN, TX 78746

Greetings:

The above numbered permit was issued in your name on 09/14/2022.

The Well Record was received in this office on 09/30/2022, stating that it had been completed on 09/21/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/14/2023.

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

Sincerely,

Handwritten signature of Vanessa Clements in cursive script.  
Vanessa Clements  
(575) 622-6521

drywell

F 3. CP-857

# NEW MEXICO OFFICE OF THE STATE ENGINEER



## APPLICATION FOR PERMIT TO CHANGE AN EXISTING WATER RIGHT (Non 72-12-1)



(check applicable boxes):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

<input type="checkbox"/> Change Purpose of Use <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water  <input type="checkbox"/> Change Place of Use <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water	<input checked="" type="checkbox"/> Change Point of Diversion (POD): From: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water To: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water	<input type="checkbox"/> Additional Groundwater Point of Diversion (POD)  <input type="checkbox"/> Additional Surface Water Point of Diversion (POD)
<input type="checkbox"/> Temporary Change, NMSA 1978, § 72-12-7(B) Requested Start Date: _____ (Not to Exceed 3 ac-ft in One Year)		Requested End Date: _____
<input type="checkbox"/> Water Use Lease, NMSA 1978, §§ 72-6-1 to-7 Requested Start Date: _____		Requested End Date: _____
<input type="checkbox"/> Temporary Change (other) Requested Start Date: _____		Requested End Date: _____

**1. APPLICANT(S) (Required) Note: water-right owner must be listed as an applicant.**

Name: Tommy Dinwiddie	Name:
Contact or Agent: Dan Cravens dba RMG LLC      check here if Agent <input checked="" type="checkbox"/>	Contact or Agent:      check here if Agent <input type="checkbox"/>
Mailing Address: P. O. Box 9	Mailing Address:
City: Cedar Crest	City:
State: NM      Zip Code: 87008	State:      Zip Code:
Phone: 505-508-9023 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell
Phone (Work):	Phone (Work):
E-mail (optional): dancravens007@gmail.com	E-mail (optional):

**2. CURRENT OSE FILE INFORMATION (Required)**

OSE File No(s): CP-857	Priority Date (if known): 12/31/1963	Subfile/Cause No. (if applicable):
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**3. CURRENT PURPOSE OF USE AND AMOUNT OF WATER (Required)**

<input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Livestock <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Other Use (specify): _____  Describe a specific use if applicable (i.e. sand & gravel washing, dairy etc): _____	Amount of Water (acre-feet per annum): If more details are needed, type "See Comments" in "Other" field below, and explain in Additional Statements Section.  Diversion: 180 ac-ft Consumptive Use: _____ Other (include units): _____
--	--

FOR OSE INTERNAL USE

Application for Permit Form 6, Rev 6/30/17

File No.: CP-857	Trn. No.: 634465	Receipt No.: 2-39563
Trans Description (optional):		Sub-Basin: CP
Well Tag ID No. (if applicable):	PCW/LOG Due Date:	PBU Due Date:

CANCEL

4. COUNTY WHERE WATER RIGHT IS CURRENTLY USED (Required)

Lea County, NM

5. ADDITIONAL STATEMENTS CONCERNING THE CURRENT WATER RIGHT

Permits to Appropriate 12/15/2011 and 07/30/2014, total 180 ac ft

6. CURRENT or MOVE-FROM POINT(S) OF DIVERSION (POD) (Required)

Surface POD OR  Ground Water POD (Well)

Name of ditch, acequia, or spring:

Stream or water course: Tributary of:

If application proposes a new point of diversion involving a diversion dam, storage dam, main canal, and/or pipeline, complete Attachment 2.  Check here if Attachment 2 is included in this application packet.

**POD Location Required:** Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).  
District II (Roswell) & District VII (Cimarron) customers, provide a PLSS location in addition to above.

NM State Plane (NAD83) (Feet)       UTM (NAD83) (Meters)       Lat/Long (WGS84) (to the nearest 1/10<sup>th</sup> of second)

NM West Zone       Zone 12N

NM East Zone       Zone 13N

NM Central Zone

POD Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves , Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
CP-857	662167	3550244	SW 1/4 NE 1/4 NE 1/4 Sec 5, T 26S R 36E

NOTE: If more PODS need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)  
Additional point of diversion descriptions are attached:  Yes  No If yes, how many \_\_\_\_\_

Point of Diversion is on Land Owned by: Tommy Dinwiddie

Other description relating point of diversion to common landmarks, streets, or other:

**CANCEL**

FOR USE INTERNAL USE

Application for Permit, Form wr-06

File Number:

Trn Number:





**8. MOVE-TO PURPOSE OF USE AND AMOUNT OF WATER** (Complete this section ONLY if the purpose of use is changing)

<p>Check all that apply:</p> <p><input type="checkbox"/> Domestic      <input type="checkbox"/> Livestock      <input type="checkbox"/> Irrigation</p> <p><input type="checkbox"/> Municipal      <input type="checkbox"/> Industrial      <input checked="" type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Other Use (specify): _____</p> <p>Describe a specific use if applicable (i.e. sand &amp; gravel washing, dairy etc): _____</p>	<p>Amount of Water (acre-feet per annum): If more details are needed, type "See Comments" in "Other" field below, and explain in Additional Statements Section.</p> <p style="text-align: right;">Diversion: <u>177 ac-ft</u></p> <p style="text-align: right;">Consumptive Use: _____</p> <p style="text-align: right;">Other (include units): _____</p>
--	---

**9. MOVE-TO POINT(S) OF DIVERSION (POD)** (Complete this section ONLY if adding or replacing a POD)

<input type="checkbox"/> Surface POD    OR <input checked="" type="checkbox"/> Ground Water POD (Well)			
Name of ditch, acequia, or spring: _____			
Stream or water course: _____		Tributary of: _____	
If application proposes a new point of diversion involving a diversion dam, storage dam, main canal, and/or pipeline, complete Attachment 2. <input type="checkbox"/> Check here if Attachment 2 is included in this application packet.			
<b>POD Location Required:</b> Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) & District VII (Cimarron) customers, provide a PLSS location in addition to above.			
<input type="checkbox"/> NM State Plane (NAD83) (Feet)	<input type="checkbox"/> UTM (NAD83) (Meters)	<input checked="" type="checkbox"/> Lat/Long (WGS84) (to the nearest 1/10 <sup>th</sup> of second)	
<input type="checkbox"/> NM West Zone	<input type="checkbox"/> Zone 12N		
<input type="checkbox"/> NM East Zone	<input type="checkbox"/> Zone 13N		
<input type="checkbox"/> NM Central Zone			
<b>POD Number (if known):</b>	<b>X or Easting or Longitude:</b>	<b>Y or Northing or Latitude:</b>	<b>Provide if known:</b> -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
CP-1285 POD 1	32°03'56.50" N	103°17'37.04" W	SE1/4 SW1/4 SW1/4 Sec 5, T 26S R 36E
NOTE: If more PODS need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional POD descriptions are attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No      If yes, how many _____			
Other description relating point(s) of diversion to common landmarks, streets, or other: _____			
Point of Diversion is on Land Owned by: _____			
Note: The following information is for wells only. If more than one (1) well needs to be described, provide attachment.			
Approximate depth of well (feet): _____		Outside diameter of well casing (inches): _____	
Driller Name: _____		Driller License Number: _____	
If replacing the current well, is the current well to be plugged? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable If No, state for what use it is retained: _____			

CANCEL

FOR OSE INTERNAL USE

Application for Permit, Form wr-06

File Number: _____	Trn Number: _____
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**10. MOVE-TO PLACE(S) OF USE (Complete this section ONLY if adding or changing the place of use)**  
List each individually

The land is legally described by (check all that apply):

- Public Land Survey System (PLSS) (quarters, section, township, range)
- Hydrographic Survey Report or Map
- Irrigation or Conservation District Map
- Subdivision
- Grant

Complete the blocks below for all tracts of land (more than one description can be provided for a tract if available):

PLSS Quarters or Halves, <u>and/or</u> Name of Hydrographic Survey, <u>and/or</u> Name of Irrigation or Conservation District, <u>and/or</u> Name and County of Subdivision <u>and/or</u> Grant	PLSS Section <u>and/or</u> Map No. <u>and/or</u> Lot No.	PLSS Township <u>and/or</u> Tract No. (Please list each tract individually) <u>and/or</u> Block No.	PLSS Range	Acres	Priority
State, BLM, Private Land in southern Lea Co. NM					

Total Acres:

Other description relating place of use to common landmarks, streets, or other:

Place of use is on land owned by (required): **State, BLM, Private Land in southern Lea Co., NM**

Are there other sources of water for these lands? No  Yes  describe by OSE file number:

Note: If on Federal or State Land, please provide copy of lease.

**CANCEL**

FOR OSE INTERNAL USE

Application for Permit, Form wr-06

File Number:	Trn Number:
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**11. ACEQUIA OR COMMUNITY DITCH REQUIREMENTS**

A. The water right is not within a Community Ditch or Acequia

B. The water right is within a Community Ditch or Acequia. **If you checked box B you must:**

- 1) Attach documentary evidence provided by commissioners of the Community Ditch or Acequia confirming applicant's compliance with any applicable requirement for the change adopted by the Community Ditch or Acequia **or**
- 2) Attach an affidavit from the commissioners of the Community Ditch or Acequia stating that no such requirement has been adopted by the relevant association bylaws.

*This documentation is required pursuant to NMSA 1978 § 72-5-24.1.*

**12. ADDITIONAL STATEMENTS OR EXPLANATIONS**

Purpose of application is to move existing water right from permit CP-857 to permit CP-1285. All locations produce water from the same aquifer.

2010 JUN 12 PM 2:05  
 STATE OF NEW MEXICO  
 OFFICE OF THE ATTORNEY GENERAL  
 WATER RIGHTS DIVISION

**CANCEL**

FOR OSE INTERNAL USE

Application for Permit, Form wr-06

File Number:	Trn Number:
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STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER  
District 2 Office, Roswell, NM

Tom Blaine, P.E.  
State Engineer

1900 West Second Street  
Roswell, New Mexico 88201  
(575) 622-6521  
FAX: (575) 623-8559

June 18, 2018  
Tommy Dinwiddie  
Attn : RMG LLC, Dan Cravens  
P.O. Box 9  
Cedar Crest, NM 87008

GREETINGS:

Enclosed please find your Applications for Permit to Change an Existing Water Right, CP-857 into CP-1285-POD1, CP-858 into CP-1285-POD1, CP-1378 into CP-1285-POD1, and CP-177 into CP-1285-POD1. Information from our records has also been included. Additional documents are required before we can proceed with processing your applications:

- Please submit the required Proof of Beneficial Use for new appropriation water rights CP-857, CP-858, and CP-1378. In order to transfer these water rights to another water right, they must first be proved at the original location. Please note that well CP-1378 is shallower than the other wells and suggest the production is from the Chinle Formation rather than the Santa Rosa Formation as indicated by a preliminary review of the applications.
- Please provide supporting documentation for Declaration CP-177. The Declaration was filed in 1966. The submittal does not include an amount of water nor supporting documentation to the claim. A letter from the OSE in 1966 requests supporting information to validate the claim including the amount of water. Records of this office indicate the declarant states that the well produces 64 acre-feet per annum for commercial purposes. A field visit by the OSE was conducted in 1967, located the well and it was equipped. Please provide supporting documentation to validate the claimed amount of water applied to beneficial use prior to the Capitan Basin being declared on September 28, 1965 and continually used to present.

Please return the applications along with the required documents at your earliest convenience. Please include in your correspondence that the applications were previously paid for under receipt number 2-39563.

If you have any questions, please do not hesitate to contact our office.

Sincerely,

Catherine Goetz  
Water Resource Manager I

Enclosure  
cc: Santa Fe

**CANCEL**



# New Mexico Office of the State Engineer Water Right Summary



[get image list](#)

WR File Number: CP 00857      Subbasin: CP      Cross Reference: -  
 Primary Purpose: STK 72-12-1 LIVESTOCK WATERING  
 Primary Status: PMT PERMIT  
 Total Acres: 0      Subfile: -  
 Total Diversion: 3      Cause/Case: -  
 Owner: DINWIDDIE CATTLE COMPANY, LLC  
 Contact: TOMMY DINWIDDIE

# COPY

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/		Acres	Diversion	Consumptive
			1	2		To				
<a href="#">get images</a>	601320	COWNF	2011-12-15	CHG	PRC	CP 00857	T		0	0
<a href="#">get images</a>	476330	72121	1997-02-13	PMT	LOG	CP 00857	T			3

### Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q	64Q16Q4Sec	Tws	Rng	X	Y	Other Location Desc
CP 00857 POD1	Shallow	3	2	2	05 26S 36E	662167	3550244	

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

6/15/18 11:28 AM

WATER RIGHT  
SUMMARY

*New Approp  
 PBL was due to 03/31/2017  
 has not proved up on right*

# CANCEL



# New Mexico Office of the State Engineer Water Right Summary



**WR File Number:** CP 00857      **Subbasin:** CP      **Cross Reference:** -  
**Primary Purpose:** STK 72-12-1 LIVESTOCK WATERING  
**Primary Status:** PMT PERMIT  
**Total Acres:** 0      **Subfile:** -  
**Total Diversion:** 3      **Cause/Case:** -  
**Owner:** DINWIDDIE CATTLE COMPANY, LLC  
**Contact:** TOMMY DINWIDDIE

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/		Acres	Diversion	Consumptive
			1	2		To	To			
601320	COWNF	2011-12-15	CHG	PRC	CP 00857	T		0	0	
476330	72121	1997-02-13	PMT	LOG	CP 00857	T			3	

### Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q	X	Y	Other Location Desc
CP 00857 POD1	Shallow	64Q16Q4Sec Tws Rng 3 2 2 05 26S 36E	662167	3550244	

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

6/15/18 11:28 AM

WATER RIGHT  
SUMMARY

*New Approp  
PBL was due to 03/31/2017  
has not proved up on right  
Santa Rosa*


## CANCEL



# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 00857 POD1	NW	NE	NE	05	26S	36E	662244.4	3550380.4	

\* UTM location was derived from PLSS - see Help

---

<b>Driller License:</b>	1184	<b>Driller Company:</b>	WEST TEXAS WATER WELL SERVICE		
<b>Driller Name:</b>	COLLIS, ROBERT E. (LD)				
<b>Drill Start Date:</b>	1996-10-09	<b>Drill Finish Date:</b>	1996-10-10	<b>Plug Date:</b>	
<b>Log File Date:</b>	1997-01-15	<b>PCW Rcv Date:</b>		<b>Source:</b>	Shallow
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	100
<b>Casing Size:</b>		<b>Depth Well:</b>	365	<b>Depth Water:</b>	

---

## Water Bearing Stratifications:

Top	Bottom	Description
300	365	Sandstone/Gravel/Conglomerate

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## Meter Information

<b>Meter Number:</b>	18966	<b>Meter Make:</b>	
<b>Meter Serial Number:</b>		<b>Meter Multiplier:</b>	1.0000
<b>Number of Dials:</b>	1	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Reading Frequency:</b>	Quarterly (No Reading Expected)

## YTD Meter Amounts:

Year	Amount
2017	0.000

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## Meter Information

<b>Meter Number:</b>	19007	<b>Meter Make:</b>	OCTAVE
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<b>Meter Serial Number:</b>	19235055	<b>Meter Multiplier:</b>	1.0000
<b>Number of Dials:</b>	9	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Reading Frequency:</b>	Monthly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2017-02-01	2017	2599614.000	A	RPT		0.000	
2017-04-01	2017	2627531.000	A	RPT		3.598	
2017-05-01	2017	2631319.000	A	RPT		0.488	
2017-06-01	2017	2652251.000	A	RPT		2.698	
2017-07-01	2017	2720508.000	A	RPT		8.798	
2017-08-01	2017	2782114.000	A	RPT		7.941	
2017-09-01	2017	2858989.000	A	RPT		9.909	
2017-10-01	2017	2906622.000	A	RPT		6.140	
2017-11-01	2017	2912696.000	A	RPT		0.783	
2017-12-01	2017	2998304.000	A	RPT		11.034	
2018-02-01	2018	3146658.000	A	RPT		19.122	
2018-03-01	2018	3212353.000	A	RPT		8.468	
2018-04-01	2018	3286487.000	A	RPT		9.555	
2018-05-01	2018	3381113.000	A	RPT		12.197	
2018-06-01	2018	3470486.000	A	RPT		11.520	
2018-07-01	2018	3547614.000	A	RPT		9.941	
2018-09-01	2018	3569776.000	A	RPT		2.857	
2018-12-01	2018	4076874.000	A	RPT		65.362	
2019-01-01	2018	4181523.000	A	RPT		13.489	
2019-02-01	2019	4296954.000	A	RPT		14.878	
2019-03-01	2019	4346796.000	A	RPT		6.424	
2019-04-01	2019	4365803.000	A	RPT		2.450	
2019-05-01	2019	4418132.000	A	RPT		6.745	
2019-07-31	2019	0.000	A	RPT		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2019-09-30	2019	325518.000	A	RPT		41.957	
2019-10-31	2019	388564.000	A	RPT		8.126	
2019-12-31	2019	622880.000	A	RPT		30.202	
2020-01-19	2020	672026.000	A	RPT		6.335	
2020-01-19	2020	0.000	A	RPT		0.000	
2020-01-31	2020	336667.000	A	RPT		1.033	
2020-03-31	2020	9198198.000	A	RPT		27.195	
2020-08-31	2020	25497766.000	A	RPT		50.022	
2020-09-30	2020	29234202.000	A	RPT		11.467	
2020-11-30	2020	36579854.000	A	RPT		22.543	
2020-12-31	2020	40821185.000	A	RPT		13.016	
2021-01-31	2021	45738623.000	A	RPT		15.091	
2021-11-01	2021	69784825.000	A	ad		73.795	
2021-11-30	2021	72486254.000	A	ad		8.290	
2021-12-31	2021	74803427.000	A	ad		7.111	
2022-01-31	2022	77275311.000	A	ad		7.586	
2022-02-28	2022	80922116.000	A	ad		11.192	
2022-03-31	2022	85274916.000	A	ad		13.358	
2022-04-30	2022	89038721.000	A	ad		11.551	
2022-05-31	2022	90103234.000	A	ad		3.267	
2022-06-30	2022	90784534.000	A	ad		2.091	
2022-08-31	2022	90870989.000	A	ad		0.265	
2022-09-30	2022	90870989.000	A	ad		0.000	
2022-10-31	2022	90870989.000	A	ad		0.000	
2022-11-30	2022	90870989.000	A	ad		0.000	
2023-01-25	2023	90870989.000	A	ad		0.000	
2023-02-28	2023	90870989.000	A	ad		0.000	
2023-03-31	2023	90870989.000	A	ad		0.000	
2023-04-30	2023	90870989.000	A	ad		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2023-05-31	2023	90870989.000	A	ad		0.000	
2023-07-31	2023	90870989.000	A	ad		0.000	
2023-08-31	2023	90870989.000	A	ad		0.000	
2023-09-30	2023	90870989.000	A	ad		0.000	
2023-10-31	2023	90870989.000	A	ad		0.000	
2023-11-30	2023	90870989.000	A	ad		0.000	
2023-12-31	2023	90870989.000	A	ad		0.000	
2024-01-31	2024	90870989.000	A	ad		0.000	
2024-02-29	2024	90870989.000	A	ad		0.000	
2024-03-31	2024	90870989.000	A	ad		0.000	
2024-04-30	2024	90870989.000	A	ad		0.000	
2024-05-31	2024	90870989.000	A	ad		0.000	
2024-06-30	2024	90870989.000	A	ad		0.000	
2024-07-31	2024	90870989.000	A	ad		0.000	
2024-08-31	2024	90870989.000	A	ad		0.000	
2024-10-31	2024	90870989.000	A	ad		0.000	

**YTD Meter Amounts:**

Year	Amount
2017	51.389
2018	152.511
2019	110.782
2020	131.611
2021	104.287
2022	49.310
2023	0.000
2024	0.000

### Meter Information

<b>Meter Number:</b>	19056	<b>Meter Make:</b>	MASTER METER
<b>Meter Serial Number:</b>	19814845	<b>Meter Multiplier:</b>	10.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Reading Frequency:</b>	Quarterly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2020-11-30	2020	38460.000	A	RPT		0.000	
2020-12-31	2020	42150.000	A	RPT		0.113	
2021-01-31	2021	49850.000	A	RPT		0.236	
2021-11-01	2021	352020.000	A	ad		9.273	
2021-11-30	2021	405990.000	A	ad		1.656	
2021-12-31	2021	434000.000	A	ad		0.860	
2022-01-31	2022	457770.000	A	ad		0.729	
2022-02-28	2022	52859.000	R	ad	Meter Rollover	18.263	
2022-03-31	2022	59521.000	A	ad		0.204	
2022-04-30	2022	79643.000	A	ad		0.618	
2022-05-31	2022	102895.000	A	ad		0.714	
2022-06-30	2022	105962.000	A	ad		0.094	
2022-08-31	2022	111490.000	A	ad		0.170	
2022-09-28	2022	111490.000	A	ad		0.000	
2022-10-31	2022	111490.000	A	ad		0.000	
2022-11-30	2022	111490.000	A	ad		0.000	
2022-12-31	2022	111490.000	A	ad		0.000	
2023-01-25	2023	111490.000	A	ad		0.000	
2023-02-28	2023	111490.000	A	ad		0.000	
2023-03-31	2023	111490.000	A	ad		0.000	
2023-04-30	2023	111490.000	A	ad		0.000	
2023-05-30	2023	111490.000	A	ad		0.000	
2023-07-31	2023	111490.000	A	ad		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2023-08-31	2023	111490.000	A	ad		0.000	
2023-09-30	2023	111490.000	A	ad		0.000	
2023-10-31	2023	111490.000	A	ad		0.000	
2023-11-30	2023	111490.000	A	ad		0.000	
2023-12-31	2023	111490.000	A	ad		0.000	
2024-01-31	2024	111490.000	A	ad		0.000	
2024-02-29	2024	111490.000	A	ad		0.000	
2024-03-31	2024	111490.000	A	ad		0.000	
2024-04-30	2024	111490.000	A	ad		0.000	
2024-05-31	2024	111490.000	A	ad		0.000	
2024-07-10	2024	111490.000	A	ad		0.000	
2024-08-31	2024	111490.000	A	ad		0.000	
2024-10-31	2024	111490.000	A	ad		0.000	

**YTD Meter Amounts:**

Year	Amount
2020	0.113
2021	12.025
2022	20.792
2023	0.000
2024	0.000

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

3/24/25 7:43 AM MST

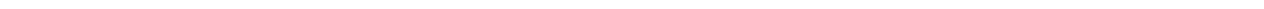
Point of Diversion Summary

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## APPENDIX B

### Photographic Log







## APPENDIX C


# Lithologic Soil Sampling Logs


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					Sample Name: BH01		Date: 10/06/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM, EP		Method: Hand Auger	
Coordinates: 32.076536, -103.283267					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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	3,590		Y	BH01	0	0	SW - SM	0' - 1' - Silty Sand - Medium, White to Light Brown, Well Graded, Non-Cohesive, Nonplastic, Massive
				BH01	0.5	0.5		
	3,590			BH01	1	1	SW - SM	1' - 5' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	3,590			BH01	2	2		
D	>3590		N	BH01	3	3		
	3590			BH01	4	4		
	454	74		BH01	5	5		
Total depth @ 5 ft bgs								


					Logged By: JM, EP		Date: 10/06/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076546, -103.283184					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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH02	0	0	SW - SM	0' - 1' - Silty Sand - Medium, White to Light Brown, Well Graded, Non-Cohesive, Nonplastic, Massive
				BH02	0.5	1		
D	>3,590	31	N	BH02	1	1	SW - SM	1' - 4' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
				BH02	2	2		
				BH02	3	3		
	<168			BH02	4	4		
Total depth @ 4 ft bgs								


					Sample Name: BH03		Date: 10/06/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM, EP		Method: Hand Auger	
Coordinates: 32.076438, -103.283223					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH03	0	0	CCHE	0' - 0.5' - Pad Caliche
				BH03	0.5			
D	<168	12	N	BH03	1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	<168			BH03	2	2		
Total depth @ 2 ft bgs								

					Sample Name: BH04		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076442, -103.283114					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH04	0	0	CCHE	0' - 0.5' - Pad Caliche
D	<168		N	BH04	0.5			
	<168	30			1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
					2	2		
Total depth @ 2 ft bgs								


					Sample Name: BH05		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076428, -103.28297					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	<168	29	Y	BH05	0	0	CCHE	0' - 0.5' - Pad Caliche
D			N	BH05	0.5	0.5	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	<168				1	1		
	<168				2	2		
Total depth @ 2ft bgs								


					Sample Name: BH06		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076352, -103.283026					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH06	0	0	CCHE	0' - 0.5' - Pad Caliche
D	<168		N	BH06	0.5			
					1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	<168	47			2	2		
Total depth @ 2 ft bgs								


					Sample Name: BH07		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076365, -103.282879					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH07	0	0	CCHE	0' - 0.5' - Pad Caliche
				BH07	0.5			
D	<168		N	BH07	1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	<168	30			2	2		
Total depth @ 2 ft bgs								


					Sample Name: BH08		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076323, -103.282756					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH08	0	0	CCHE	0' - 0.5' - Pad Caliche
				BH08	0.5			
D	<168		N	BH08	1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	<168	35			2	2		
Total depth @ 2 ft bgs								





					Sample Name: BH09		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076228, -103.282604					Hole Diameter: 3"		Total Depth: 3'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH09	0	0	CCHE	0' - 0.5' - Pad Caliche
				BH09	0.5			
	711			BH09	1	1	SW - SM	0.5' - 3' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
D	644		N		2	2		
	<168	58			3	3		
Total depth @ 3 ft bgs								


					Sample Name: BH10		Date: 10/07/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger	
Coordinates: 32.076302, -103.282449					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH10	0	0	CCHE	0' - 0.5' - Pad Caliche
D	<168		N	BH10	0.5			
	<168	85			1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
					2	2		
Total depth @ 2 ft bgs								


					Sample Name: BH11		Date: 10/08/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM, EP		Method: Hand Auger	
Coordinates: 32.075827, -103.28323					Hole Diameter: 3"		Total Depth: 8'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH11	0	0	CCHE	0' - 0.5' - Pad Caliche
	3,590			BH11	0.5			
				BH11	1	1		0.5' - 8' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	3,590			BH11	2	2		
				BH11	3	3		
D	1,109		N	BH11	4	4	SW - SM	
	1,109				5	5		
	857			BH11	6	6		
	398				7	7		
	<168	42		BH11	8	8		
Total depth @ 8 ft bgs								

					Sample Name: BH12		Date: 10/08/2025		
					Site Name: Desoto Spring Recycling Pond				
					Incident Number: nAPP2526466779				
					Job Number: 03A2270120				
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM, EP		Method: Hand Auger		
Coordinates: 32.075782, -103.283279					Hole Diameter: 3"		Total Depth: 2'		
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. 40% correction factors included.									
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
M	297	20	Y	BH12	0	0	CCHE	0' - 0.5' - Pad Caliche	
			N	BH12	0.5	0.5			
D					BH12	1	1	SW - SM	0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
			<168		BH12	2	2		
Total depth @ 2 ft bgs									


					Sample Name: BH13		Date: 10/08/2025			
					Site Name: Desoto Spring Recycling Pond					
					Incident Number: nAPP2526466779					
					Job Number: 03A2270120					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM, EP		Method: Hand Auger			
Coordinates: 32.075767, -103.283205					Hole Diameter: 3"		Total Depth: 7'			
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. 40% correction factors included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
M			Y	BH13	0	0	CCHE	0' - 0.5' - Pad Caliche		
	1,019			BH13	0.5					
	1,109			BH13	1	1				
	644			BH13	2	2				
D	857		N	BH13	3	3	SW - SM	0.5' - 8' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive		
	644			BH13	4	4				
	398			BH13	5	5				
	<168	35		BH13	6	6				
				BH13	7	7				
Total depth @ 7 ft bgs										


					Sample Name: BH14		Date: 10/08/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM, EP		Method: Hand Auger	
Coordinates: 32.075698, -103.283288					Hole Diameter: 3"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH14	0	0	CCHE	0' - 0.5' - Pad Caliche
D	<168		N	BH14	0.5	0.5	SW - SM	
				BH14	1	1		0.5' - 2' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	<168	28		BH14	2	2		
Total depth @ 2 ft bgs								


					Sample Name: BH15		Date: 10/13/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: Hgonzalez		Method: Hand Auger	
Coordinates: 32.075652,-103.283415					Hole Diameter: 6"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH15	0	0	CCHE-S	Sandy caliche pad material, light staining, white to tan, no odor.
M	ND		N	BH15	0.5		CL-SC	Clayey sand, moist, cohesive and well graded, medium plasticity, no hydrocarbon odor, no staining, dark red.
M	ND		N	BH15	1	1		Medium sand, lightly moist, reddish orange, no staining or hydrocarbon odor, well graded with nonplastic silt fines.
M			N		2	2	SM	
Total Depth @ 2 feet bgs								


					Sample Name: BH16		Date: 10/13/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: Hgonzalez		Method: Hand Auger	
Coordinates: 32.075613,-103.283379					Hole Diameter: 6"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH16	0	0	CCHE-S	Sandy caliche pad material, light staining, white to tan, no odor.
M	ND		N	BH16	0.5		CL-SC	Clayey sand, moist, cohesive and well graded, medium plasticity, no hydrocarbon odor, no staining, dark red.
M	ND		N	BH16	1	1		Medium sand, lightly moist, reddish orange, no staining or hydrocarbon odor, well graded with nonplastic silt fines.
M			N		2	2	SM	
Total Depth @ 2 feet bgs								





								Sample Name: BH17		Date: 10/13/2025	
								Site Name: Desoto Spring Recycling Pond			
								Incident Number: nAPP2526466779			
								Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: Hgonzalez		Method: Hand Auger	
Coordinates: 32.075566,-103.283385								Hole Diameter: 6"		Total Depth: 2'	
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. 40% correction factors included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			Y	BH17	0	0	CCHE-S	Sandy caliche pad material, light staining, white to tan, no odor.			
M	1,602		N	BH17	0.5		CL-SC	Clayey sand, moist, cohesive and well graded, medium plasticity, no hydrocarbon odor, no staining, dark red.			
M	711		N	BH17	1	1		Medium sand, lightly moist, reddish orange, no staining or hydrocarbon odor, well graded with nonplastic silt fines.			
M	ND		N	BH17	2	2	SM				
Total Depth @ 2 feet bgs											


					Sample Name: BH18		Date: 10/13/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: Hgonzalez		Method: Hand Auger	
Coordinates: 32.175525,-103.283472					Hole Diameter: 6"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH18	0	0	CCHE-S	Sandy caliche pad material, light staining, white to tan, no odor.
M	398		N	BH18	0.5		CL-SC	Clayey sand, moist, cohesive and well graded, medium plasticity, no hydrocarbon odor, no staining, dark red.
M	ND		N	BH18	1	1		Medium sand, lightly moist, reddish orange, no staining or hydrocarbon odor, well graded with nonplastic silt fines.
M			N		2	2	SM	
Total Depth @ 2 feet bgs								

					Sample Name: BH19		Date: 10/13/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: Hgonzalez		Method: Hand Auger	
Coordinates: 32.075415,-103.283609					Hole Diameter: 6"		Total Depth: 2'	
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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH19	0	0	CCHE-S	Sandy caliche pad material, light staining, white to tan, no odor.
M	ND		N	BH19	0.5		CL-SC	Clayey sand, moist, cohesive and well graded, medium plasticity, no hydrocarbon odor, no staining, dark red.
M	ND		N	BH19	1	1		Medium sand, lightly moist, reddish orange, no staining or hydrocarbon odor, well graded with nonplastic silt fines.
M	ND		N		2	2	SM	
Total Depth @ 2 feet bgs								

					Sample Name: BH20		Date: 10/16/2025			
					Site Name: Desoto Spring Recycling Pond					
					Incident Number: nAPP2526466779					
					Job Number: 03A2270120					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: IE		Method: Hand Auger			
Coordinates: 32.075322, -103.283673					Hole Diameter: 3"		Total Depth: 6'			
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. 40% correction factors included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
M	3,147		Y	BH11	0	0	SW - SM	0' - 1' - Silty Sand - Medium, White to Light Brown, Well Graded, Non-Cohesive, Nonplastic, Massive		
	>3,388				0.5					
	>3,388			BH11	1	1	SW - SM	1' - 6' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive		
	>3,388				2	2				
D	>3,388		N	BH11	3	3				
	>3,388				4	4				
	>3,388			BH11	5	5				
	470			BH11	6	6				
Total depth @ 6 ft bgs										

					Sample Name: BH21		Date: 10/16/2025	
					Site Name: Desoto Spring Recycling Pond			
					Incident Number: nAPP2526466779			
					Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: IE		Method: Hand Auger	
Coordinates: 32.075293, -103.283714					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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	3,388		Y	BH11	0	0	SW - SM	0' - 1' - Silty Sand - Medium, White to Light Brown, Well Graded, Non-Cohesive, Nonplastic, Massive
	>3,388			BH11	0.5	0.5		
	>3,388			BH11	1	1	SW - SM	1' - 5' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive
	>3,388			BH11	2	2		
D	>3,388		N	BH11	3	3		
	>3,388			BH11	4	4		
	470				5	5		
Total depth @ 5 ft bgs								

					Sample Name: BH22		Date: 02/02/2026			
					Site Name: Desoto Spring Recycling Pond					
					Incident Number: nAPP2526466779					
					Job Number: 03A2270120					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM		Method: Hand Auger			
Coordinates: 32.076133			-103.28257			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. 40% correction factors included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
D	1,249 1,781  1,159 1,249 2,481		Y	BH22  BH22 BH22 BH22 BH22	3.5 4 5 6 7	0	CCHE	0' - 0.5' - Pad Caliche		
						0.5				
						1				
						2				
						3				
						4				
						5				
M	1,344 392  <157	34	N				SW - SM	0.5' - 10' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive		
				8						
				9						
					10	10	Total depth @ 10 feet bgs			

							Sample Name: BH23		Date: 02/02/2026	
							Site Name: Desoto Spring Recycling Pond			
							Incident Number: nAPP2526466779			
							Job Number: 03A2270120			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>							Logged By: JM		Method: Hand Auger	
Coordinates: 32.075937, -103.282516							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. 40% correction factors included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
D			N			0	SW - SM	0' - 1' - Silty Sand - Medium, White to Light Brown, Well Graded, Non-Cohesive, Nonplastic, Massive		
						1				
						2				
D			N			3	SW - SM	1' - 5' - Silty Sand - Medium, light red, well graded non-cohesive, nonplastic, massive		
	1,249			BH23	3.5					
	1,781			BH23	4					
	190	32			5					
Total depth @ 5 ft bgs										



## APPENDIX D

# Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E509268

Job Number: 23003-0002

Received: 9/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/30/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 9/30/25

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E509268  
Date Received: 9/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/24/2025 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 09/30/25 13:50
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E509268-01A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.
SS01-1'	E509268-02A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.
SS02-0'	E509268-03A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.
SS02-1'	E509268-04A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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**SS01-0'**

**E509268-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2539093
Benzene	ND	0.0250	1	09/24/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/27/25	
Toluene	ND	0.0250	1	09/24/25	09/27/25	
o-Xylene	ND	0.0250	1	09/24/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.4 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2539093
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2539148
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/25	09/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/25	09/27/25	
<i>Surrogate: n-Nonane</i>		92.1 %	61-141	09/26/25	09/27/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2539165
Chloride	ND	20.0	1	09/26/25	09/26/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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**SS01-1'**

**E509268-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2539093
Benzene	ND	0.0250	1	09/24/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/27/25	
Toluene	ND	0.0250	1	09/24/25	09/27/25	
o-Xylene	ND	0.0250	1	09/24/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.4 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2539093
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2539148
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/25	09/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/25	09/27/25	
<i>Surrogate: n-Nonane</i>		91.1 %	61-141	09/26/25	09/27/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2539165
Chloride	ND	20.0	1	09/26/25	09/26/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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**SS02-0'**

**E509268-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2539093
Benzene	ND	0.0250	1	09/24/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/27/25	
Toluene	ND	0.0250	1	09/24/25	09/27/25	
o-Xylene	ND	0.0250	1	09/24/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.0 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2539093
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2539148
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/25	09/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/25	09/27/25	
<i>Surrogate: n-Nonane</i>		89.8 %	61-141	09/26/25	09/27/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2539165
Chloride	ND	20.0	1	09/26/25	09/26/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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**SS02-1'**

**E509268-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2539093
Benzene	ND	0.0250	1	09/24/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/27/25	
Toluene	ND	0.0250	1	09/24/25	09/27/25	
o-Xylene	ND	0.0250	1	09/24/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2539093
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.4 %	70-130	09/24/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2539148
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/25	09/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/25	09/27/25	
<i>Surrogate: n-Nonane</i>		86.6 %	61-141	09/26/25	09/27/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2539165
Chloride	ND	20.0	1	09/26/25	09/26/25	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539093-BLK1)**

Prepared: 09/24/25 Analyzed: 09/26/25

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	7.68		8.00		96.0	70-130			

**LCS (2539093-BS1)**

Prepared: 09/24/25 Analyzed: 09/26/25

Benzene	6.28	0.0250	5.00		126	70-130			
Ethylbenzene	6.20	0.0250	5.00		124	70-130			
Toluene	6.27	0.0250	5.00		125	70-130			
o-Xylene	6.22	0.0250	5.00		124	70-130			
p,m-Xylene	12.6	0.0500	10.0		126	70-130			
Total Xylenes	18.8	0.0250	15.0		125	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			

**Matrix Spike (2539093-MS1)**

Source: E509266-05

Prepared: 09/24/25 Analyzed: 09/26/25

Benzene	4.40	0.0250	5.00	ND	88.1	70-130			
Ethylbenzene	4.30	0.0250	5.00	ND	86.0	70-130			
Toluene	4.39	0.0250	5.00	ND	87.7	70-130			
o-Xylene	4.46	0.0250	5.00	ND	89.2	70-130			
p,m-Xylene	8.80	0.0500	10.0	ND	88.0	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			

**Matrix Spike Dup (2539093-MSD1)**

Source: E509266-05

Prepared: 09/24/25 Analyzed: 09/29/25

Benzene	4.85	0.0250	5.00	ND	97.1	70-130	9.73	27	
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	70-130	12.1	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	10.2	20	
o-Xylene	4.92	0.0250	5.00	ND	98.5	70-130	9.90	25	
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	70-130	11.9	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	70-130	11.2	26	
Surrogate: 4-Bromochlorobenzene-PID	8.60		8.00		108	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539093-BLK1)**

Prepared: 09/24/25 Analyzed: 09/26/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

**LCS (2539093-BS2)**

Prepared: 09/24/25 Analyzed: 09/26/25

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.6	70-130			

**Matrix Spike (2539093-MS2)**

Source: E509266-05

Prepared: 09/24/25 Analyzed: 09/27/25

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

**Matrix Spike Dup (2539093-MSD2)**

Source: E509266-05

Prepared: 09/24/25 Analyzed: 09/27/25

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	4.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539148-BLK1)**

Prepared: 09/26/25 Analyzed: 09/26/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.9		50.0		102	61-141			

**LCS (2539148-BS1)**

Prepared: 09/26/25 Analyzed: 09/27/25

Diesel Range Organics (C10-C28)	227	25.0	250		90.6	66-144			
Surrogate: <i>n</i> -Nonane	45.2		50.0		90.5	61-141			

**Matrix Spike (2539148-MS1)**

Source: E509271-06

Prepared: 09/26/25 Analyzed: 09/27/25

Diesel Range Organics (C10-C28)	460	25.0	250	173	115	56-156			
Surrogate: <i>n</i> -Nonane	48.5		50.0		96.9	61-141			

**Matrix Spike Dup (2539148-MSD1)**

Source: E509271-06

Prepared: 09/26/25 Analyzed: 09/27/25

Diesel Range Organics (C10-C28)	408	25.0	250	173	94.0	56-156	12.1	20	
Surrogate: <i>n</i> -Nonane	45.8		50.0		91.6	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/30/2025 1:50:46PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539165-BLK1)**

Prepared: 09/26/25 Analyzed: 09/26/25

Chloride	ND	20.0							
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**LCS (2539165-BS1)**

Prepared: 09/26/25 Analyzed: 09/26/25

Chloride	251	20.0	250		100	90-110			
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**Matrix Spike (2539165-MS1)**

Source: E509268-02

Prepared: 09/26/25 Analyzed: 09/26/25

Chloride	255	20.0	250	ND	102	80-120			
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**Matrix Spike Dup (2539165-MSD1)**

Source: E509268-02

Prepared: 09/26/25 Analyzed: 09/26/25

Chloride	255	20.0	250	ND	102	80-120	0.114	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 09/30/25 13:50
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: <u>Desoto Springs Recycling Pond</u>				Address: 3122 National Parks Hwy				<u>E509268</u>		<u>2303-002</u>					X	X					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: 575-988-0055												EPA Program					
City, State, Zip: Carlsbad NM, 88220				Email: <u>agiovengo@ensolum.com</u>												SDWA	CWA	RCRA			
Phone: 575-988-0055				Miscellaneous:												Compliance	Y	or	N		
Email: <u>agiovengo@ensolum.com</u>																PWSID #					
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				
1249	9/22/2025	S	1	SS01 - 0'		1								X		2.0					
1424	9/22/2025	S	1	SS01 - 1'		2								X		2.4					
1251	9/22/2025	S	1	SS02 - 0'		3								X		3.2					
1428	9/22/2025	S	1	SS02 - 1'		4								X		3.0					
Additional Instructions: Please CC: <u>cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com</u>																					
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: <u>Jarad McCauley</u>																					
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: <input checked="" type="checkbox"/> N															
<u>Jarad McCauley</u>	9-23-25	900	<u>Michelle Gonzales</u>	9-23-25	0900																
<u>Michelle Gonzales</u>	9-23-25	1445	<u>Marissa Gonzales</u>	9-23-25	1445																
<u>Marissa Gonzales</u>	9-23-25	1835	<u>Janice</u>	9/23/25	1835																
<u>Janice</u>	9/23/25	2212	<u>Carla Mar</u>	9-24-25	800																
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: 9/24/2025 11:11:01AM

#### 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: 09/24/25 08:00	Work Order ID: E509268
Phone: (972) 371-5200	Date Logged In: 09/23/25 16:32	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 09/30/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509281

Job Number: 23003-0002

Received: 9/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/1/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 10/1/25

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



Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509281  
Date Received: 9/25/2025 6:00:56AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/25/2025 6:00:56AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/01/25 09:01
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03-0'	E509281-01A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS03-1'	E509281-02A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS04-0'	E509281-03A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS04-1'	E509281-04A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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**SS03-0'**

**E509281-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2539128	
Benzene	ND	0.0250	1	09/25/25	09/25/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/25/25	
Toluene	ND	0.0250	1	09/25/25	09/25/25	
o-Xylene	ND	0.0250	1	09/25/25	09/25/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/25/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	09/25/25	09/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2539128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	09/25/25	09/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2540002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2539166	
Chloride	ND	100	5	09/26/25	09/27/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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**SS03-1'**

**E509281-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/25/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/25/25	
Toluene	ND	0.0250	1	09/25/25	09/25/25	
o-Xylene	ND	0.0250	1	09/25/25	09/25/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/25/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	09/25/25	09/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539128
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	09/25/25	09/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540002
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2539166
Chloride	ND	20.0	1	09/26/25	09/27/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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**SS04-0'**

**E509281-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/25/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/25/25	
Toluene	ND	0.0250	1	09/25/25	09/25/25	
o-Xylene	ND	0.0250	1	09/25/25	09/25/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/25/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	09/25/25	09/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539128
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	09/25/25	09/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540002
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2539166
Chloride	ND	20.0	1	09/26/25	09/27/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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**SS04-1'**

**E509281-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/26/25	
Toluene	ND	0.0250	1	09/25/25	09/26/25	
o-Xylene	ND	0.0250	1	09/25/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	09/25/25	09/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539128
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	09/25/25	09/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540002
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2539166
Chloride	ND	20.0	1	09/26/25	09/27/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539128-BLK1)**

Prepared: 09/25/25 Analyzed: 09/25/25

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	8.75		8.00		109	70-130			

**LCS (2539128-BS1)**

Prepared: 09/25/25 Analyzed: 09/25/25

Benzene	4.34	0.0250	5.00		86.8	70-130			
Ethylbenzene	4.36	0.0250	5.00		87.3	70-130			
Toluene	4.33	0.0250	5.00		86.7	70-130			
o-Xylene	4.47	0.0250	5.00		89.4	70-130			
p,m-Xylene	8.89	0.0500	10.0		88.9	70-130			
Total Xylenes	13.4	0.0250	15.0		89.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.99		8.00		112	70-130			

**Matrix Spike (2539128-MS1)**

Source: E509275-04

Prepared: 09/25/25 Analyzed: 09/25/25

Benzene	4.54	0.0250	5.00	ND	90.7	70-130			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	70-130			
Toluene	4.52	0.0250	5.00	ND	90.4	70-130			
o-Xylene	4.63	0.0250	5.00	ND	92.6	70-130			
p,m-Xylene	9.25	0.0500	10.0	ND	92.5	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.84		8.00		110	70-130			

**Matrix Spike Dup (2539128-MSD1)**

Source: E509275-04

Prepared: 09/25/25 Analyzed: 09/25/25

Benzene	4.20	0.0250	5.00	ND	84.1	70-130	7.61	27	
Ethylbenzene	4.25	0.0250	5.00	ND	85.0	70-130	6.95	26	
Toluene	4.20	0.0250	5.00	ND	84.0	70-130	7.32	20	
o-Xylene	4.32	0.0250	5.00	ND	86.4	70-130	7.00	25	
p,m-Xylene	8.64	0.0500	10.0	ND	86.4	70-130	6.85	23	
Total Xylenes	13.0	0.0250	15.0	ND	86.4	70-130	6.90	26	
Surrogate: 4-Bromochlorobenzene-PID	8.94		8.00		112	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539128-BLK1)**

Prepared: 09/25/25 Analyzed: 09/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

**LCS (2539128-BS2)**

Prepared: 09/25/25 Analyzed: 09/25/25

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			

**Matrix Spike (2539128-MS2)**

Source: E509275-04

Prepared: 09/25/25 Analyzed: 09/25/25

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

**Matrix Spike Dup (2539128-MSD2)**

Source: E509275-04

Prepared: 09/25/25 Analyzed: 09/25/25

Gasoline Range Organics (C6-C10)	42.2	20.0	50.0	ND	84.4	70-130	10.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540002-BLK1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.5		50.0		93.1	61-141			

**LCS (2540002-BS1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			

**Matrix Spike (2540002-MS1)**

Source: E509281-01

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	56-156			
Surrogate: n-Nonane	52.4		50.0		105	61-141			

**Matrix Spike Dup (2540002-MSD1)**

Source: E509281-01

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156	5.38	20	
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/1/2025 9:01:14AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539166-BLK1)**

Prepared: 09/26/25 Analyzed: 09/27/25

Chloride ND 20.0

**LCS (2539166-BS1)**

Prepared: 09/26/25 Analyzed: 09/27/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2539166-MS1)**

Source: E509281-02

Prepared: 09/26/25 Analyzed: 09/27/25

Chloride 253 20.0 250 ND 101 80-120

**Matrix Spike Dup (2539166-MSD1)**

Source: E509281-02

Prepared: 09/26/25 Analyzed: 09/27/25

Chloride 253 20.0 250 ND 101 80-120 0.118 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/01/25 09:01
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



### Chain of Custody

Released to Imaging: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E509281		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											Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ.1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA				
															Compliance	Y or N					
															PWSID #						
																	Remarks				
1010	9/23/2025	S	1	SS03-0'		1						X						1.4°			
1131	9/23/2025	S	1	SS03-1'		2						X						1.8°			
1216	9/23/2025	S	1	SS04-0'		3						X						1.7°			
1242	9/23/2025	S	1	SS04-1'		4						X						1.0°			

**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) <i>[Signature]</i>	Date 9/24/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 9-24-25	Time 0711	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.  Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N  T1 _____ T2 _____ T3 _____  AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 9-24-25	Time 1400	Received by: (Signature) <i>Mariassa Gonzales</i>	Date 9-24-25	Time 1400	
Relinquished by: (Signature) <i>Mariassa Gonzales</i>	Date 9-24-25	Time 1920	Received by: (Signature) <i>Andrew Musso</i>	Date 9-24-25	Time 1920	
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 9-24-25	Time 2400	Received by: (Signature) <i>Noe Soto</i>	Date 9-25-25	Time 0600	

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.



Page 101 of 1248

Envirotech Analytical Laboratory

Printed: 9/25/2025 9:15:01AM

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: 09/25/25 06:00 Work Order ID: E509281
Phone: (972) 371-5200 Date Logged In: 09/24/25 15:17 Logged In By: Joslyn Meidinger
Email: agiovengo@ensolum.com Due Date: 10/01/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

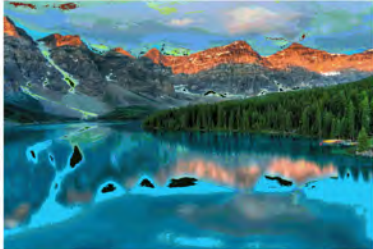
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509291

Job Number: 23003-0002

Received: 9/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/2/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/2/25



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

Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509291  
Date Received: 9/26/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2025 7:00:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**

Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**

Laboratory Administrator  
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**Southern New Mexico Area**

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**Michelle Gonzales**

Client Representative  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)



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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/02/25 08:58
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05-0.5'	E509291-01A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS05-1'	E509291-02A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS06-0.5'	E509291-03A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS06-1'	E509291-04A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS07-0.5'	E509291-05A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS07-1'	E509291-06A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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**SS05-0.5'**

**E509291-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540001
Chloride	228	20.0	1	09/29/25	09/29/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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SS05-1'

E509291-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.3 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540001
Chloride	182	20.0	1	09/29/25	09/29/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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**SS06-0.5'**

**E509291-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540001
Chloride	ND	20.0	1	09/29/25	09/29/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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**SS06-1'**

**E509291-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540001
Chloride	32.8	20.0	1	09/29/25	09/29/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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**SS07-0.5'**

**E509291-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.8 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540001
Chloride	36.5	20.0	1	09/29/25	09/29/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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SS07-1'

E509291-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539153
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	09/26/25	09/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540001
Chloride	115	20.0	1	09/29/25	09/29/25	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 8:58:49AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2539153-BLK1)

Prepared: 09/26/25 Analyzed: 09/26/25

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	7.87		8.00		98.3	70-130			

#### LCS (2539153-BS1)

Prepared: 09/26/25 Analyzed: 09/26/25

Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.11	0.0250	5.00		102	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

#### Matrix Spike (2539153-MS1)

Source: E509287-01

Prepared: 09/26/25 Analyzed: 09/26/25

Benzene	4.75	0.0250	5.00	ND	95.0	70-130			
Ethylbenzene	4.66	0.0250	5.00	ND	93.2	70-130			
Toluene	4.72	0.0250	5.00	ND	94.5	70-130			
o-Xylene	4.76	0.0250	5.00	ND	95.2	70-130			
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			

#### Matrix Spike Dup (2539153-MSD1)

Source: E509287-01

Prepared: 09/26/25 Analyzed: 09/26/25

Benzene	5.31	0.0250	5.00	ND	106	70-130	11.1	27	
Ethylbenzene	5.25	0.0250	5.00	ND	105	70-130	11.9	26	
Toluene	5.29	0.0250	5.00	ND	106	70-130	11.4	20	
o-Xylene	5.25	0.0250	5.00	ND	105	70-130	9.80	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	11.2	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	10.7	26	
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2539153-BLK1)**

Prepared: 09/26/25 Analyzed: 09/26/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.3	70-130			

**LCS (2539153-BS2)**

Prepared: 09/26/25 Analyzed: 09/26/25

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

**Matrix Spike (2539153-MS2)**

Source: E509287-01

Prepared: 09/26/25 Analyzed: 09/26/25

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			

**Matrix Spike Dup (2539153-MSD2)**

Source: E509287-01

Prepared: 09/26/25 Analyzed: 09/26/25

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130	5.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540003-BLK1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

**LCS (2540003-BS1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	256	25.0	250		102	66-144			
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			

**Matrix Spike (2540003-MS1)**

Source: E509292-02

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	52.9		50.0		106	61-141			

**Matrix Spike Dup (2540003-MSD1)**

Source: E509292-02

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	1.93	20	
Surrogate: n-Nonane	52.0		50.0		104	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 8:58:49AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540001-BLK1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Chloride ND 20.0

**LCS (2540001-BS1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Chloride 255 20.0 250 102 90-110

**Matrix Spike (2540001-MS1)**

Source: E509300-03

Prepared: 09/29/25 Analyzed: 09/29/25

Chloride 346 20.0 250 86.5 104 80-120

**Matrix Spike Dup (2540001-MSD1)**

Source: E509300-03

Prepared: 09/29/25 Analyzed: 09/29/25

Chloride 353 20.0 250 86.5 106 80-120 2.03 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/02/25 08:58
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

Released to Imaging: 3/24/2026 2:03:18 PM

Page 16 of 17

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolium LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E509291		2303-002					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					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	Y	or	N	
10:10	9/24/2025	S	1	SS05-0.5'			1						X										3.8
11:00	9/24/2025	S	1	SS05-1'			2						X										4.7
12:56	9/24/2025	S	1	SS06-0.5'			3						X										3.8
13:19	9/24/2025	S	1	SS06-1'			4						X										4.1
14:53	9/24/2025	S	1	SS07-0.5'			5						X										3.4
14:55	9/24/2025	S	1	SS07-1'			6						X										5.2

**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: Aoubakar Kone						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: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	9/25/25	7:11	<i>Michelle Gonzales</i>	9-25-25	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	9-25-25	1330	<i>Nathan Gonzalez</i>	9-25-25	1330						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Nathan Gonzalez</i>	9-25-25	1810	<i>Andrew Musso</i>	9-25-25	1810						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Andrew Musso</i>	9-25-25	2300	<i>Caitlin Han</i>	9-26-25	700						

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: 9/26/2025 8:26:52AM

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: 09/26/25 07:00 Work Order ID: E509291
Phone: (972) 371-5200 Date Logged In: 09/25/25 14:13 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/02/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

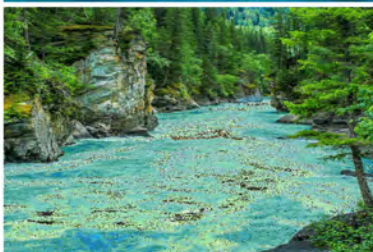
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509309

Job Number: 23003-0002

Received: 9/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/2/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 10/2/25



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

Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509309  
Date Received: 9/29/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2025 8:00:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/02/25 16:49
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS08-0.5	E509309-01A	Soil	09/25/25	09/29/25	Glass Jar, 2 oz.
SS08-1	E509309-02A	Soil	09/25/25	09/29/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:49:13PM
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**SS08-0.5**

**E509309-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2540009
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	ND	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/29/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/29/25	09/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2540009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.8 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2540005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2540021
Chloride	360	20.0	1	09/29/25	09/30/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:49:13PM
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**SS08-1**

**E509309-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2540009
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	ND	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/29/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/29/25	09/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2540009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540021
Chloride	98.2	20.0	1	09/29/25	09/30/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:49:13PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540009-BLK1)

Prepared: 09/29/25 Analyzed: 09/30/25

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	8.25		8.00		103	70-130			

#### LCS (2540009-BS1)

Prepared: 09/29/25 Analyzed: 09/29/25

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

#### Matrix Spike (2540009-MS1)

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Benzene	25.0	0.125	25.0	ND	100	70-130			
Ethylbenzene	32.2	0.125	25.0	7.32	99.4	70-130			
Toluene	31.1	0.125	25.0	6.05	100	70-130			
o-Xylene	32.9	0.125	25.0	8.06	99.4	70-130			
p,m-Xylene	71.0	0.250	50.0	21.5	98.9	70-130			
Total Xylenes	104	0.125	75.0	29.6	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	44.0		40.0		110	70-130			

#### Matrix Spike Dup (2540009-MSD1)

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Benzene	25.2	0.125	25.0	ND	101	70-130	0.688	27	
Ethylbenzene	32.2	0.125	25.0	7.32	99.5	70-130	0.141	26	
Toluene	31.2	0.125	25.0	6.05	101	70-130	0.308	20	
o-Xylene	32.9	0.125	25.0	8.06	99.5	70-130	0.0334	25	
p,m-Xylene	70.9	0.250	50.0	21.5	98.8	70-130	0.0863	23	
Total Xylenes	104	0.125	75.0	29.6	99.0	70-130	0.0483	26	
Surrogate: 4-Bromochlorobenzene-PID	43.2		40.0		108	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:49:13PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540009-BLK1)**

Prepared: 09/29/25 Analyzed: 09/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

**LCS (2540009-BS2)**

Prepared: 09/29/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

**Matrix Spike (2540009-MS2)**

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	596	100	250	370	90.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	42.8		40.0		107	70-130			

**Matrix Spike Dup (2540009-MSD2)**

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	578	100	250	370	82.9	70-130	3.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	43.1		40.0		108	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:49:13PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540005-BLK1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	61-141			

**LCS (2540005-BS1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	244	25.0	250		97.6	66-144			
Surrogate: n-Nonane	49.1		50.0		98.2	61-141			

**Matrix Spike (2540005-MS1)**

Source: E509311-04

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.4	56-156			
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

**Matrix Spike Dup (2540005-MSD1)**

Source: E509311-04

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	56-156	3.08	20	
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:49:13PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540021-BLK1)**

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride ND 20.0

**LCS (2540021-BS1)**

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2540021-MS1)**

Source: E509294-03

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride 7470 200 250 7380 34.6 80-120 M4

**Matrix Spike Dup (2540021-MSD1)**

Source: E509294-03

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride 7350 200 250 7380 NR 80-120 1.59 20 M4

QC Summary Report Comment:

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



### Definitions and Notes

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/02/25 16:49
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E509309		23003-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information											Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA				
10:32	9/25/2025	S	1	SS08-0.5			1						X						3.8			
11:21	9/25/2025	S	1	SS08-1			2						X						3.6			

Additional Instructions: Please CC: cburton@ensolum.com, agioveno@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) <i>[Signature]</i>	Date 9/26/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 9-26-25	Time 0711	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: <input checked="" type="radio"/> Y <input type="radio"/> N  T1 _____ T2 _____ T3 _____  AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 9-26-25	Time 1600	Received by: (Signature) <i>Marissa Gonzales</i>	Date 9-26-25	Time 1600	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 9-26-25	Time 2400	Received by: (Signature) <i>Carth Ma</i>	Date 9-29-25	Time 800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 3/24/2026 2:03:18 PM

Page 12 of 13

Received by OCD: 3/23/2026 3:23:06 PM

Page 131 of 1248

Envirotech Analytical Laboratory

Printed: 9/29/2025 9:25:18AM

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: 09/29/25 08:00 Work Order ID: E509309
Phone: (972) 371-5200 Date Logged In: 09/26/25 15:55 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/03/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

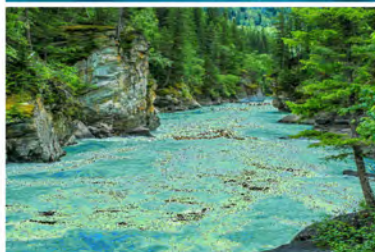
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509310

Job Number: 23003-0002

Received: 9/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/2/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/2/25



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

Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509310  
Date Received: 9/29/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2025 8:00:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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Field Offices:

**Southern New Mexico Area**

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/02/25 16:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS09-0.5	E509310-01A	Soil	09/25/25	09/29/25	Glass Jar, 2 oz.
SS09-1	E509310-02A	Soil	09/25/25	09/29/25	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:51:12PM
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**SS09-0.5**

**E509310-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2540009
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	ND	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/29/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/29/25	09/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2540009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2540008
Diesel Range Organics (C10-C28)	29.0	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		88.9 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2540021
Chloride	380	20.0	1	09/29/25	09/30/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:51:12PM
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**SS09-1**

**E509310-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2540009
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	ND	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/29/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/29/25	09/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2540009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.2 %	70-130	09/29/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2540008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
<i>Surrogate: n-Nonane</i>		89.5 %	61-141	09/29/25	09/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540021
Chloride	51.0	20.0	1	09/29/25	09/30/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:51:12PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540009-BLK1)

Prepared: 09/29/25 Analyzed: 09/30/25

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	8.25		8.00		103	70-130			

#### LCS (2540009-BS1)

Prepared: 09/29/25 Analyzed: 09/29/25

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

#### Matrix Spike (2540009-MS1)

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Benzene	25.0	0.125	25.0	ND	100	70-130			
Ethylbenzene	32.2	0.125	25.0	7.32	99.4	70-130			
Toluene	31.1	0.125	25.0	6.05	100	70-130			
o-Xylene	32.9	0.125	25.0	8.06	99.4	70-130			
p,m-Xylene	71.0	0.250	50.0	21.5	98.9	70-130			
Total Xylenes	104	0.125	75.0	29.6	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	44.0		40.0		110	70-130			

#### Matrix Spike Dup (2540009-MSD1)

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Benzene	25.2	0.125	25.0	ND	101	70-130	0.688	27	
Ethylbenzene	32.2	0.125	25.0	7.32	99.5	70-130	0.141	26	
Toluene	31.2	0.125	25.0	6.05	101	70-130	0.308	20	
o-Xylene	32.9	0.125	25.0	8.06	99.5	70-130	0.0334	25	
p,m-Xylene	70.9	0.250	50.0	21.5	98.8	70-130	0.0863	23	
Total Xylenes	104	0.125	75.0	29.6	99.0	70-130	0.0483	26	
Surrogate: 4-Bromochlorobenzene-PID	43.2		40.0		108	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:51:12PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540009-BLK1)**

Prepared: 09/29/25 Analyzed: 09/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

**LCS (2540009-BS2)**

Prepared: 09/29/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

**Matrix Spike (2540009-MS2)**

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	596	100	250	370	90.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	42.8		40.0		107	70-130			

**Matrix Spike Dup (2540009-MSD2)**

Source: E509303-01

Prepared: 09/29/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	578	100	250	370	82.9	70-130	3.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	43.1		40.0		108	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:51:12PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540008-BLK1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	49.3		50.0		98.5	61-141			

**LCS (2540008-BS1)**

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	224	25.0	250		89.8	66-144			
Surrogate: <i>n-Nonane</i>	42.9		50.0		85.7	61-141			

**Matrix Spike (2540008-MS1)**

Source: E509315-47

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.1	56-156			
Surrogate: <i>n-Nonane</i>	44.8		50.0		89.6	61-141			

**Matrix Spike Dup (2540008-MSD1)**

Source: E509315-47

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.9	56-156	1.85	20	
Surrogate: <i>n-Nonane</i>	45.8		50.0		91.5	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/2/2025 4:51:12PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540021-BLK1)**

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride ND 20.0

**LCS (2540021-BS1)**

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2540021-MS1)**

Source: E509294-03

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride 7470 200 250 7380 34.6 80-120 M4

**Matrix Spike Dup (2540021-MSD1)**

Source: E509294-03

Prepared: 09/29/25 Analyzed: 09/30/25

Chloride 7350 200 250 7380 NR 80-120 1.59 20 M4

QC Summary Report Comment:

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



### Definitions and Notes

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/02/25 16:51
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



### Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E 509310		23003-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information											Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ.1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA				
12:34	9/25/2025	S	1	SS09-0.5			1						X						4.0			
13:18	9/25/2025	S	1	SS09-1			2						X						3.4			

**Additional Instructions:** Please CC: cburton@ensolum.com, agioveno@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) <i>[Signature]</i>	Date 9/26/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 9-26-25	Time 0711	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: <input checked="" type="radio"/> / N  T1 _____ T2 _____ T3 _____  AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 9-26-25	Time 1600	Received by: (Signature) <i>Marissa Gonzales</i>	Date 9-26-25	Time 1600	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 9-26-25	Time 2400	Received by: (Signature) <i>Carla Mor</i>	Date 9-29-25	Time 800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 3/24/2026 2:03:18 PM

Page 12 of 13

Received by OCD: 3/23/2026 3:23:06 PM

Page 144 of 148





### Envirotech Analytical Laboratory

Printed: 9/29/2025 9:26:19AM

#### 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: 09/29/25 08:00	Work Order ID: E509310
Phone: (972) 371-5200	Date Logged In: 09/26/25 15:55	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 10/03/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509335

Job Number: 23003-0002

Received: 10/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/7/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/7/25

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



Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509335  
Date Received: 10/1/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/1/2025 7:30:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Southern New Mexico Area**

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/07/25 09:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS14-0'	E509335-01A	Soil	09/29/25	10/01/25	Glass Jar, 2 oz.
SS14-1'	E509335-02A	Soil	09/29/25	10/01/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 9:52:10AM
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**SS14-0'**

**E509335-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2540063
Benzene	ND	0.0250	1	10/01/25	10/02/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/02/25	
Toluene	ND	0.0250	1	10/01/25	10/02/25	
o-Xylene	ND	0.0250	1	10/01/25	10/02/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/02/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2540063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	31.8	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2540075
Chloride	ND	20.0	1	10/01/25	10/01/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 9:52:10AM
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SS14-1'

E509335-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Benzene	ND	0.0250	1	10/01/25	10/02/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/02/25	
Toluene	ND	0.0250	1	10/01/25	10/02/25	
o-Xylene	ND	0.0250	1	10/01/25	10/02/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/02/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	34.0	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540075
Chloride	178	20.0	1	10/01/25	10/01/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 9:52:10AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540063-BLK1)

Prepared: 10/01/25 Analyzed: 10/02/25

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	8.32		8.00		104	70-130			

#### LCS (2540063-BS1)

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

#### Matrix Spike (2540063-MS1)

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	5.28	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.26	0.0250	5.00	ND	105	70-130			
o-Xylene	5.22	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	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

#### Matrix Spike Dup (2540063-MSD1)

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	4.84	0.0250	5.00	ND	96.8	70-130	8.69	27	
Ethylbenzene	4.83	0.0250	5.00	ND	96.7	70-130	8.46	26	
Toluene	4.84	0.0250	5.00	ND	96.7	70-130	8.40	20	
o-Xylene	4.80	0.0250	5.00	ND	96.1	70-130	8.24	25	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130	8.27	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.2	70-130	8.26	26	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 9:52:10AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540063-BLK1)**

Prepared: 10/01/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.87		8.00		85.8	70-130			

**LCS (2540063-BS2)**

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	39.7	20.0	50.0		79.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.1	70-130			

**Matrix Spike (2540063-MS2)**

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			

**Matrix Spike Dup (2540063-MSD2)**

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.7	70-130	4.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 9:52:10AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540058-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	61-141			

**LCS (2540058-BS1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	50.2		50.0		100	61-141			

**Matrix Spike (2540058-MS1)**

Source: E509338-05

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	51.4		50.0		103	61-141			

**Matrix Spike Dup (2540058-MSD1)**

Source: E509338-05

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	1.71	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 9:52:10AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540075-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride ND 20.0

**LCS (2540075-BS1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2540075-MS1)**

Source: E509333-06

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 4200 40.0 250 3870 132 80-120 M4

**Matrix Spike Dup (2540075-MSD1)**

Source: E509333-06

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 4070 40.0 250 3870 79.4 80-120 3.19 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/07/25 09:52
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

Released to Imaging: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E509335		23003-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information										Analysis and Method								EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks	
14:19	9/29/2025	S	1	SS14-0'			1						X											3.9	
14:27	9/29/2025	S	1	SS14-1'			2						X											3.6	

Additional Instructions: Please CC: cburton@ensolum.com, agioveno@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) <i>[Signature]</i>	Date 9/30/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 9.30.25	Time 0700	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: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 9.30.25	Time 1500	Received by: (Signature) <i>Matthew Sanchez</i>	Date 9.30.25	Time 1500	
Relinquished by: (Signature) <i>Matthew Sanchez</i>	Date 9.30.25	Time 1940	Received by: (Signature) <i>Andrew Musso</i>	Date 9.30.25	Time 1940	
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 10.1.25	Time 0115	Received by: (Signature) <i>Caitlin Han</i>	Date 10.1.25	Time 730	

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.

Page 12 of 13

Page 157 of 148



Envirotech Analytical Laboratory

Printed: 10/1/2025 9:50:10AM

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: 10/01/25 07:30 Work Order ID: E509335
Phone: (972) 371-5200 Date Logged In: 09/30/25 16:00 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/07/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509336

Job Number: 23003-0002

Received: 10/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/7/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/7/25

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



Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509336  
Date Received: 10/1/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/1/2025 7:30:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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



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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/07/25 10:02
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS11-0.5'	E509336-01A	Soil	09/29/25	10/01/25	Glass Jar, 2 oz.
SS11-1'	E509336-02A	Soil	09/29/25	10/01/25	Glass Jar, 2 oz.
SS16-0'	E509336-03A	Soil	09/29/25	10/01/25	Glass Jar, 2 oz.
SS16-1'	E509336-04A	Soil	09/29/25	10/01/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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**SS11-0.5'**

**E509336-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2540063	
Benzene	ND	0.0250	1	10/01/25	10/02/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/02/25	
Toluene	ND	0.0250	1	10/01/25	10/02/25	
o-Xylene	ND	0.0250	1	10/01/25	10/02/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/02/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2540063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2540058	
Diesel Range Organics (C10-C28)	27.4	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2540075	
Chloride	233	20.0	1	10/01/25	10/02/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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**SS11-1'**

**E509336-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Benzene	ND	0.0250	1	10/01/25	10/02/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/02/25	
Toluene	ND	0.0250	1	10/01/25	10/02/25	
o-Xylene	ND	0.0250	1	10/01/25	10/02/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/02/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540075
Chloride	134	20.0	1	10/01/25	10/02/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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**SS16-0'**

**E509336-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Benzene	ND	0.0250	1	10/01/25	10/02/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/02/25	
Toluene	ND	0.0250	1	10/01/25	10/02/25	
o-Xylene	ND	0.0250	1	10/01/25	10/02/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/02/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.2 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540075
Chloride	272	20.0	1	10/01/25	10/02/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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**SS16-1'**

**E509336-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Benzene	ND	0.0250	1	10/01/25	10/02/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/02/25	
Toluene	ND	0.0250	1	10/01/25	10/02/25	
o-Xylene	ND	0.0250	1	10/01/25	10/02/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/02/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	10/01/25	10/02/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		99.0 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540075
Chloride	123	20.0	1	10/01/25	10/02/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/7/2025 10:02:22AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540063-BLK1)

Prepared: 10/01/25 Analyzed: 10/02/25

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	8.32		8.00		104	70-130			

#### LCS (2540063-BS1)

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

#### Matrix Spike (2540063-MS1)

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	5.28	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.26	0.0250	5.00	ND	105	70-130			
o-Xylene	5.22	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	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

#### Matrix Spike Dup (2540063-MSD1)

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	4.84	0.0250	5.00	ND	96.8	70-130	8.69	27	
Ethylbenzene	4.83	0.0250	5.00	ND	96.7	70-130	8.46	26	
Toluene	4.84	0.0250	5.00	ND	96.7	70-130	8.40	20	
o-Xylene	4.80	0.0250	5.00	ND	96.1	70-130	8.24	25	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130	8.27	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.2	70-130	8.26	26	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540063-BLK1)**

Prepared: 10/01/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.87		8.00		85.8	70-130			

**LCS (2540063-BS2)**

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	39.7	20.0	50.0		79.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.1	70-130			

**Matrix Spike (2540063-MS2)**

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			

**Matrix Spike Dup (2540063-MSD2)**

Source: E509333-01

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.7	70-130	4.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.1	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540058-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	61-141			

**LCS (2540058-BS1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	50.2		50.0		100	61-141			

**Matrix Spike (2540058-MS1)**

Source: E509338-05

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	51.4		50.0		103	61-141			

**Matrix Spike Dup (2540058-MSD1)**

Source: E509338-05

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	1.71	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:02:22AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540075-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride ND 20.0

**LCS (2540075-BS1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2540075-MS1)**

Source: E509333-06

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 4200 40.0 250 3870 132 80-120 M4

**Matrix Spike Dup (2540075-MSD1)**

Source: E509333-06

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 4070 40.0 250 3870 79.4 80-120 3.19 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/07/25 10:02
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E5093310		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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA			
11:43	9/29/2025	S	1	SS11-0.5'		1						X						1.9		
12:38	9/29/2025	S	1	SS11-1'		2						X						2.7		
15:29	9/29/2025	S	1	SS16-0'		3						X						3.9		
15:35	9/29/2025	S	1	SS16-1'		4						X						2.4		

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) <i>[Signature]</i>	Date 9/30/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 9.30.25	Time 0711	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. Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N Lab Use Only T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 9.30.25	Time 1500	Received by: (Signature) <i>Matthew Ironyaka</i>	Date 9.30.25	Time 1500	
Relinquished by: (Signature) <i>Matthew Ironyaka</i>	Date 9.30.25	Time 1940	Received by: (Signature) <i>Andrew Musso</i>	Date 9.30.25	Time 1940	
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 10.1.25	Time 0115	Received by: (Signature) <i>Caitlynn</i>	Date 10.1.25	Time T30	

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: 3/24/2026 2:03:18 PM

Page 14 of 15

Received by OCD: 3/23/2026 3:23:06 PM

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Envirotech Analytical Laboratory

Printed: 10/1/2025 9:51:03AM

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: 10/01/25 07:30 Work Order ID: E509336
Phone: (972) 371-5200 Date Logged In: 09/30/25 16:02 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/07/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

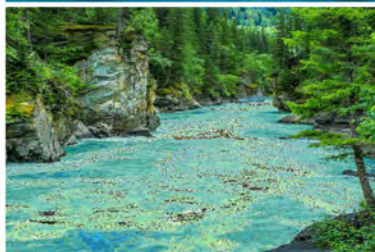
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E509337

Job Number: 23003-0002

Received: 10/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/7/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 10/7/25

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

Project Name: nAPP2526466779 Desoto Spring  
Workorder: E509337  
Date Received: 10/1/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/1/2025 7:30:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/07/25 10:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS12-0'	E509337-01A	Soil	09/26/25	10/01/25	Glass Jar, 2 oz.
SS12-1'	E509337-02A	Soil	09/26/25	10/01/25	Glass Jar, 2 oz.
SS13-0.5'	E509337-03A	Soil	09/26/25	10/01/25	Glass Jar, 2 oz.
SS13-1'	E509337-04A	Soil	09/26/25	10/01/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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**SS12-0'**

**E509337-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2540065	
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2540065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.3 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2540058	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2540076	
Chloride	ND	20.0	1	10/01/25	10/01/25	



## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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SS12-1'

E509337-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540065
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540076
Chloride	ND	20.0	1	10/01/25	10/01/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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**SS13-0.5'**

**E509337-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540065
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540076
Chloride	46.5	20.0	1	10/01/25	10/01/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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**SS13-1'**

**E509337-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540065
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	10/01/25	10/01/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/01/25	10/01/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540076
Chloride	67.3	20.0	1	10/01/25	10/01/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/7/2025 10:07:24AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540065-BLK1)

Prepared: 10/01/25 Analyzed: 10/01/25

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	9.35		8.00		117	70-130			

#### LCS (2540065-BS1)

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	4.62	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.27		8.00		116	70-130			

#### Matrix Spike (2540065-MS1)

Source: E509337-02

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	5.13	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130			
Toluene	5.11	0.0250	5.00	ND	102	70-130			
o-Xylene	5.21	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.18		8.00		115	70-130			

#### Matrix Spike Dup (2540065-MSD1)

Source: E509337-02

Prepared: 10/01/25 Analyzed: 10/01/25

Benzene	4.82	0.0250	5.00	ND	96.3	70-130	6.40	27	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	70-130	6.03	26	
Toluene	4.80	0.0250	5.00	ND	96.0	70-130	6.34	20	
o-Xylene	4.90	0.0250	5.00	ND	98.1	70-130	6.13	25	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130	6.04	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	70-130	6.07	26	
Surrogate: 4-Bromochlorobenzene-PID	9.13		8.00		114	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540065-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

**LCS (2540065-BS2)**

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			

**Matrix Spike (2540065-MS2)**

Source: E509337-02

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

**Matrix Spike Dup (2540065-MSD2)**

Source: E509337-02

Prepared: 10/01/25 Analyzed: 10/01/25

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130	8.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540058-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	61-141			

**LCS (2540058-BS1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	50.2		50.0		100	61-141			

**Matrix Spike (2540058-MS1)**

Source: E509338-05

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	51.4		50.0		103	61-141			

**Matrix Spike Dup (2540058-MSD1)**

Source: E509338-05

Prepared: 10/01/25 Analyzed: 10/01/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	1.71	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/7/2025 10:07:24AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540076-BLK1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride ND 20.0

**LCS (2540076-BS1)**

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 250 20.0 250 100 90-110

**Matrix Spike (2540076-MS1)**

Source: E509338-03

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 2710 40.0 250 2410 119 80-120

**Matrix Spike Dup (2540076-MSD1)**

Source: E509338-03

Prepared: 10/01/25 Analyzed: 10/01/25

Chloride 2940 40.0 250 2410 212 80-120 8.28 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/07/25 10:07
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

Released to Imaging: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

<b>Client Information</b>			<b>Invoice Information</b>			<b>Lab Use Only</b>			<b>TAT</b>			<b>State</b>							
Client: Matador Production Company			Company: Ensolum LLC			Lab WO# E509337			Job Number 23003-0002			1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring			Address: 3122 National Parks Hwy												X	X			
Project Manager: Ashley Gioveno			City, State, Zip: Carlsbad NM, 88220																
Address: 3122 National Parks Hwy			Phone: 575-988-0055																
City, State, Zip: Carlsbad NM, 88220			Email: agioveno@ensolum.com																
Phone: 575-988-0055			Miscellaneous:																
Email: agioveno@ensolum.com																			

Sample Information										Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA			
9:56	9/26/2025	S	1	SS12-0'			1						X						3.6		
10:33	9/26/2025	S	1	SS12-1'			2						X						2.8		
10:51	9/26/2025	S	1	SS13-0.5'			3						X						3.2		
11:31	9/26/2025	S	1	SS13-1'			4						X						3.0		

**Additional Instructions:** Please CC: cburton@ensolum.com, agioveno@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 9/29/25	Time 7:11	Received by: (Signature) Michelle Gonzales	Date 9-30-25	Time 0700	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: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature) Michelle Gonzales	Date 9-30-25	Time 1500	Received by: (Signature) Matthew Gonzalez	Date 9-30-25	Time 1500	
Relinquished by: (Signature) Matthew Gonzalez	Date 9-30-25	Time 1940	Received by: (Signature) Andrew Musso	Date 9-30-25	Time 1940	
Relinquished by: (Signature) Andrew Musso	Date 10-1-25	Time 0115	Received by: (Signature) Caitlynn	Date 10-1-25	Time 730	

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.

Page 14 of 15

Page 187 of 1248



Envirotech Analytical Laboratory

Printed: 10/1/2025 9:52:09AM

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: 10/01/25 07:30 Work Order ID: E509337
Phone: (972) 371-5200 Date Logged In: 09/30/25 16:03 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/07/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E510006

Job Number: 23003-0002

Received: 10/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/8/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/8/25

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



Project Name: nAPP2526466779 Desoto Spring  
Workorder: E510006  
Date Received: 10/2/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/2/2025 8:00:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/08/25 09:46
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS18-0'	E510006-01A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.
SS18-1'	E510006-02A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 9:46:33AM
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**SS18-0'**

**E510006-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.2 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.7 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>						
		91.3 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	115	20.0	1	10/02/25	10/02/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 9:46:33AM
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SS18-1'

E510006-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>		85.4 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	25.3	20.0	1	10/02/25	10/02/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 9:46:33AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540093-BLK1)

Prepared: 10/02/25 Analyzed: 10/02/25

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	7.88		8.00		98.5	70-130			

#### LCS (2540093-BS1)

Prepared: 10/02/25 Analyzed: 10/02/25

Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.68	0.0250	5.00		93.5	70-130			
o-Xylene	4.68	0.0250	5.00		93.6	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

#### Matrix Spike (2540093-MS1)

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Benzene	5.01	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.95	0.0250	5.00	ND	99.1	70-130			
Toluene	4.99	0.0250	5.00	ND	99.7	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.2	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

#### Matrix Spike Dup (2540093-MSD1)

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Benzene	5.42	0.0250	5.00	ND	108	70-130	7.78	27	
Ethylbenzene	5.37	0.0250	5.00	ND	107	70-130	8.15	26	
Toluene	5.39	0.0250	5.00	ND	108	70-130	7.70	20	
o-Xylene	5.33	0.0250	5.00	ND	107	70-130	7.20	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	7.95	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	7.70	26	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 9:46:33AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540093-BLK1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

**LCS (2540093-BS2)**

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

**Matrix Spike (2540093-MS2)**

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	56.6	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.4	70-130			

**Matrix Spike Dup (2540093-MSD2)**

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	ND	123	70-130	8.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 9:46:33AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540088-BLK1)**

Prepared: 10/02/25 Analyzed: 10/03/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	46.8		50.0		93.6	61-141			

**LCS (2540088-BS1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	244	25.0	250		97.6	66-144			
Surrogate: <i>n-Nonane</i>	47.7		50.0		95.5	61-141			

**Matrix Spike (2540088-MS1)**

Source: E510002-02

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: <i>n-Nonane</i>	48.3		50.0		96.6	61-141			

**Matrix Spike Dup (2540088-MSD1)**

Source: E510002-02

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	0.0496	20	
Surrogate: <i>n-Nonane</i>	47.5		50.0		95.0	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 9:46:33AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540098-BLK1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Chloride ND 20.0

**LCS (2540098-BS1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2540098-MS1)**

Source: E510007-01

Prepared: 10/02/25 Analyzed: 10/03/25

Chloride 591 20.0 250 389 80.6 80-120

**Matrix Spike Dup (2540098-MSD1)**

Source: E510007-01

Prepared: 10/02/25 Analyzed: 10/03/25

Chloride 593 20.0 250 389 81.4 80-120 0.321 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/08/25 09:46
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E510000		2303-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information											Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA				
Compliance																Y	or	N				
15:36	9/30/2025	S	1	SS18-0'			1						X						2.0			
16:18	9/30/2025	S	1	SS18-1'			2						X						2.4			

Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmojr@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) <i>[Signature]</i>	Date 10/1/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 10-1-25	Time 1010	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: <input checked="" type="radio"/> Y <input type="radio"/> N  T1 _____ T2 _____ T3 _____  AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 10-1-25	Time 1445	Received by: (Signature) <i>Marissa Gonzales</i>	Date 10-1-25	Time 1445	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 10-1-25	Time 1900	Received by: (Signature) <i>Andrew Musso</i>	Date 10-1-25	Time 1900	
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 10-1-25	Time 2345	Received by: (Signature) <i>Carly Mar</i>	Date 10-2-25	Time 800	

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

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: 3/24/2026 2:03:18 PM

Page 12 of 13

Received by OCD: 3/23/2026 3:23:06 PM

Page 200 of 1248



Envirotech Analytical Laboratory

Printed: 10/2/2025 10:01:31AM

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: 10/02/25 08:00 Work Order ID: E510006
Phone: (972) 371-5200 Date Logged In: 10/01/25 15:57 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/08/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E510007

Job Number: 23003-0002

Received: 10/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/8/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/8/25



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

Project Name: nAPP2526466779 Desoto Spring  
Workorder: E510007  
Date Received: 10/2/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/2/2025 8:00:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/08/25 11:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS10-0'	E510007-01A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.
SS10-1'	E510007-02A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.
SS15-0.5'	E510007-03A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.
SS15-1'	E510007-04A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.
SS17-0'	E510007-05A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.
SS17-1'	E510007-06A	Soil	09/30/25	10/02/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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**SS10-0'**

**E510007-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2540096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>		95.2 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2540098
Chloride	389	20.0	1	10/02/25	10/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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**SS10-1'**

**E510007-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>		92.9 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	53.8	20.0	1	10/02/25	10/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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**SS15-0.5'**

**E510007-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>		89.8 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	135	20.0	1	10/02/25	10/03/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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**SS15-1'**

**E510007-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.4 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2540096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>						
		91.4 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	80.1	20.0	1	10/02/25	10/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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SS17-0'

E510007-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>		91.3 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	84.9	20.0	1	10/02/25	10/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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SS17-1'

E510007-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	10/02/25	10/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2540096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>		91.4 %	61-141	10/02/25	10/02/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540098
Chloride	ND	20.0	1	10/02/25	10/03/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/8/2025 11:15:21AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540093-BLK1)

Prepared: 10/02/25 Analyzed: 10/02/25

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	7.88		8.00		98.5	70-130			

#### LCS (2540093-BS1)

Prepared: 10/02/25 Analyzed: 10/02/25

Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.68	0.0250	5.00		93.5	70-130			
o-Xylene	4.68	0.0250	5.00		93.6	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

#### Matrix Spike (2540093-MS1)

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Benzene	5.01	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.95	0.0250	5.00	ND	99.1	70-130			
Toluene	4.99	0.0250	5.00	ND	99.7	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.2	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

#### Matrix Spike Dup (2540093-MSD1)

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Benzene	5.42	0.0250	5.00	ND	108	70-130	7.78	27	
Ethylbenzene	5.37	0.0250	5.00	ND	107	70-130	8.15	26	
Toluene	5.39	0.0250	5.00	ND	108	70-130	7.70	20	
o-Xylene	5.33	0.0250	5.00	ND	107	70-130	7.20	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	7.95	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	7.70	26	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540093-BLK1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

**LCS (2540093-BS2)**

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

**Matrix Spike (2540093-MS2)**

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	56.6	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.4	70-130			

**Matrix Spike Dup (2540093-MSD2)**

Source: E510003-05

Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	ND	123	70-130	8.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540096-BLK1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.7	61-141			

**LCS (2540096-BS1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	250	25.0	250		100	66-144			
Surrogate: n-Nonane	48.0		50.0		96.0	61-141			

**Matrix Spike (2540096-MS1)**

Source: E510014-27

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	56.2		50.0		112	61-141			

**Matrix Spike Dup (2540096-MSD1)**

Source: E510014-27

Prepared: 10/02/25 Analyzed: 10/02/25

Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	2.40	20	
Surrogate: n-Nonane	57.0		50.0		114	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/8/2025 11:15:21AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540098-BLK1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Chloride ND 20.0

**LCS (2540098-BS1)**

Prepared: 10/02/25 Analyzed: 10/02/25

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2540098-MS1)**

Source: E510007-01

Prepared: 10/02/25 Analyzed: 10/03/25

Chloride 591 20.0 250 389 80.6 80-120

**Matrix Spike Dup (2540098-MSD1)**

Source: E510007-01

Prepared: 10/02/25 Analyzed: 10/03/25

Chloride 593 20.0 250 389 81.4 80-120 0.321 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/08/25 11:15
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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





### Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Spring				Address: 3122 National Parks Hwy				E510007		28003-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information											Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA					
															Compliance	Y	or	N				
															PWSID #							
10:45	9/30/2025	S	1	SS10-0'		1						X						2.4				
11:28	9/30/2025	S	1	SS10-1'		2						X						3.2				
11:52	9/30/2025	S	1	SS15-0.5'		3						X						2.0				
13:22	9/30/2025	S	1	SS15-1'		4						X						1.8				
13:36	9/30/2025	S	1	SS17-0		5						X						2.6				
14:45	9/30/2025	S	1	SS17-1'		6						X						3.0				

**Additional Instructions:** Please CC: cburton@ensolum.com, agioveno@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: Abouabakar Kone

Relinquished by: (Signature)	Date: 10/1/25	Time: 7:11	Received by: (Signature)	Date: 10-1-25	Time: 1010	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: <input checked="" type="radio"/> Y <input type="radio"/> N  T1 _____ T2 _____ T3 _____  AVG Temp °C _____
Relinquished by: (Signature)	Date: 10-1-25	Time: 1445	Received by: (Signature)	Date: 10-1-25	Time: 1445	
Relinquished by: (Signature)	Date: 10-1-25	Time: 1900	Received by: (Signature)	Date: 10-1-25	Time: 1900	
Relinquished by: (Signature)	Date: 10-1-25	Time: 2345	Received by: (Signature)	Date: 10-2-25	Time: 800	

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: 3/24/2026 2:03:18 PM

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Received by OCD: 3/23/2026 3:23:06 PM

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### Envirotech Analytical Laboratory

Printed: 10/2/2025 10:02:26AM

#### 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: 10/02/25 08:00	Work Order ID: E510007
Phone: (972) 371-5200	Date Logged In: 10/01/25 16:00	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 10/08/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510030

Job Number: 23003-0002

Received: 10/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/9/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/9/25



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

Project Name: Desoto Springs Recycling Pond  
Workorder: E510030  
Date Received: 10/3/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2025 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Southern New Mexico Area**

**Lynn Jarboe**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/09/25 08:29
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS20-0'	E510030-01A	Soil	10/01/25	10/03/25	Glass Jar, 2 oz.
SS20-1'	E510030-02A	Soil	10/01/25	10/03/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/9/2025 8:29:43AM
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**SS20-0'**

**E510030-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2540119	
Benzene	ND	0.0250	1	10/03/25	10/06/25	
Ethylbenzene	ND	0.0250	1	10/03/25	10/06/25	
Toluene	ND	0.0250	1	10/03/25	10/06/25	
o-Xylene	ND	0.0250	1	10/03/25	10/06/25	
p,m-Xylene	ND	0.0500	1	10/03/25	10/06/25	
Total Xylenes	ND	0.0250	1	10/03/25	10/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.7 %	70-130	10/03/25	10/06/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2540119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/25	10/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	10/03/25	10/06/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2540124	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/25	10/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/25	10/04/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	10/03/25	10/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2540128	
Chloride	468	20.0	1	10/03/25	10/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/9/2025 8:29:43AM
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SS20-1'

E510030-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540119
Benzene	ND	0.0250	1	10/03/25	10/06/25	
Ethylbenzene	ND	0.0250	1	10/03/25	10/06/25	
Toluene	ND	0.0250	1	10/03/25	10/06/25	
o-Xylene	ND	0.0250	1	10/03/25	10/06/25	
p,m-Xylene	ND	0.0500	1	10/03/25	10/06/25	
Total Xylenes	ND	0.0250	1	10/03/25	10/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	10/03/25	10/06/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2540119
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/25	10/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.5 %	70-130	10/03/25	10/06/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2540124
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/25	10/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/25	10/04/25	
<i>Surrogate: n-Nonane</i>		94.1 %	61-141	10/03/25	10/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2540128
Chloride	56.0	20.0	1	10/03/25	10/03/25	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/9/2025 8:29:43AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2540119-BLK1)

Prepared: 10/03/25 Analyzed: 10/03/25

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	9.85		8.00		123	70-130			

#### LCS (2540119-BS1)

Prepared: 10/03/25 Analyzed: 10/03/25

Benzene	3.98	0.0250	5.00		79.6	70-130			
Ethylbenzene	4.06	0.0250	5.00		81.2	70-130			
Toluene	4.01	0.0250	5.00		80.2	70-130			
o-Xylene	4.17	0.0250	5.00		83.3	70-130			
p,m-Xylene	8.26	0.0500	10.0		82.6	70-130			
Total Xylenes	12.4	0.0250	15.0		82.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.94		8.00		124	70-130			

#### Matrix Spike (2540119-MS1)

Source: E510023-22

Prepared: 10/03/25 Analyzed: 10/03/25

Benzene	4.18	0.0250	5.00	ND	83.6	70-130			
Ethylbenzene	4.23	0.0250	5.00	ND	84.7	70-130			
Toluene	4.20	0.0250	5.00	ND	84.0	70-130			
o-Xylene	4.39	0.0250	5.00	ND	87.9	70-130			
p,m-Xylene	8.62	0.0500	10.0	ND	86.2	70-130			
Total Xylenes	13.0	0.0250	15.0	ND	86.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.84		8.00		123	70-130			

#### Matrix Spike Dup (2540119-MSD1)

Source: E510023-22

Prepared: 10/03/25 Analyzed: 10/03/25

Benzene	3.64	0.0250	5.00	ND	72.9	70-130	13.8	27	
Ethylbenzene	3.65	0.0250	5.00	ND	72.9	70-130	14.9	26	
Toluene	3.63	0.0250	5.00	ND	72.6	70-130	14.5	20	
o-Xylene	3.82	0.0250	5.00	ND	76.4	70-130	13.9	25	
p,m-Xylene	7.46	0.0500	10.0	ND	74.6	70-130	14.4	23	
Total Xylenes	11.3	0.0250	15.0	ND	75.2	70-130	14.2	26	
Surrogate: 4-Bromochlorobenzene-PID	9.72		8.00		121	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/9/2025 8:29:43AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540119-BLK1)**

Prepared: 10/03/25 Analyzed: 10/03/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		100	70-130			

**LCS (2540119-BS2)**

Prepared: 10/03/25 Analyzed: 10/03/25

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.10		8.00		101	70-130			

**Matrix Spike (2540119-MS2)**

Source: E510023-22

Prepared: 10/03/25 Analyzed: 10/03/25

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			

**Matrix Spike Dup (2540119-MSD2)**

Source: E510023-22

Prepared: 10/03/25 Analyzed: 10/03/25

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	8.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/9/2025 8:29:43AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540124-BLK1)**

Prepared: 10/03/25 Analyzed: 10/03/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.0		50.0		96.0	61-141			

**LCS (2540124-BS1)**

Prepared: 10/03/25 Analyzed: 10/03/25

Diesel Range Organics (C10-C28)	247	25.0	250		98.9	66-144			
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.7	61-141			

**Matrix Spike (2540124-MS1)**

Source: E510029-04

Prepared: 10/03/25 Analyzed: 10/03/25

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

**Matrix Spike Dup (2540124-MSD1)**

Source: E510029-04

Prepared: 10/03/25 Analyzed: 10/03/25

Diesel Range Organics (C10-C28)	256	25.0	250	ND	103	56-156	3.56	20	
Surrogate: <i>n</i> -Nonane	47.5		50.0		94.9	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/9/2025 8:29:43AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2540128-BLK1)**

Prepared: 10/03/25 Analyzed: 10/03/25

Chloride ND 20.0

**LCS (2540128-BS1)**

Prepared: 10/03/25 Analyzed: 10/03/25

Chloride 255 20.0 250 102 90-110

**Matrix Spike (2540128-MS1)**

Source: E510032-03

Prepared: 10/03/25 Analyzed: 10/03/25

Chloride 255 20.0 250 ND 102 80-120

**Matrix Spike Dup (2540128-MSD1)**

Source: E510032-03

Prepared: 10/03/25 Analyzed: 10/03/25

Chloride 257 20.0 250 ND 103 80-120 0.873 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/09/25 08:29
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510030		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										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1434	10/1/25	S	1	SS20-0'		1								x					
1518	↓	S	1	SS20-1'		2								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, usantillana@ensolum.com, akone@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: Uriel Saptillana																			
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.													
<i>Uriel Saptillana</i>	10/2/25	900	<i>Michelle Gonzalez</i>	10-2-25	0900														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzalez</i>	10-2-25	1500	<i>Marissa Gonzalez</i>	10-2-25	1500														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzalez</i>	10-2-25	1900	<i>Andrew Musso</i>	10-2-25	1900														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N													
<i>Andrew Musso</i>	10-2-25	2330	<i>Carly Han</i>	10-3-25	700														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
						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: 10/3/2025 9:36:25AM

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: 10/03/25 07:00 Work Order ID: E510030
Phone: (972) 371-5200 Date Logged In: 10/02/25 15:25 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/09/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for Client Instruction

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510087

Job Number: 23003-0002

Received: 10/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/14/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 10/14/25



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

Project Name: Desoto Springs Recycling Pond  
Workorder: E510087  
Date Received: 10/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/8/2025 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

**Reported:**

10/14/25 10:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E510087-01A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH01-0.5'	E510087-02A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH01-1'	E510087-03A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH01-2'	E510087-04A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH01-3'	E510087-05A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH01-4'	E510087-06A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH01-5'	E510087-07A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH02-0'	E510087-08A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH02-0.5'	E510087-09A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH02-1'	E510087-10A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH02-2'	E510087-11A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH02-3'	E510087-12A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH02-4'	E510087-13A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH03-0'	E510087-14A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH03-0.5'	E510087-15A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH03-1'	E510087-16A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
BH03-2'	E510087-17A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
SS19-0'	E510087-18A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.
SS19-1'	E510087-19A	Soil	10/06/25	10/08/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-0'**  
**E510087-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.3 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>						
		97.3 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	3670	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-0.5'**

**E510087-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	894	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-1'**  
**E510087-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.9 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	3300	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-2'**  
**E510087-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	2150	40.0	2	10/08/25	10/09/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-3'**  
**E510087-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	7380	100	5	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-4'**  
**E510087-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	3020	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH01-5'**  
**E510087-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/08/25	10/08/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	229	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH02-0'**

**E510087-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	2020	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH02-0.5'**

**E510087-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	2590	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH02-1'**  
**E510087-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.5 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	2820	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH02-2'**

**E510087-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	3500	40.0	2	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH02-3'**  
**E510087-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.6 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	3360	40.0	2	10/08/25	10/09/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH02-4'**

**E510087-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		89.6 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	63.1	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH03-0'**

**E510087-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	262	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	141	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	6410	100	5	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH03-0.5'**

**E510087-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541084	
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2541079	
Diesel Range Organics (C10-C28)	68.8	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2541101	
Chloride	551	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH03-1'**

**E510087-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/09/25	
Toluene	ND	0.0250	1	10/08/25	10/09/25	
o-Xylene	ND	0.0250	1	10/08/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.6 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	10/08/25	10/09/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	27.2	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**BH03-2'**

**E510087-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/10/25	
Toluene	ND	0.0250	1	10/08/25	10/10/25	
o-Xylene	ND	0.0250	1	10/08/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.7 %	70-130	10/08/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	10/08/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	86.9	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**SS19-0'**

**E510087-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/10/25	
Toluene	ND	0.0250	1	10/08/25	10/10/25	
o-Xylene	ND	0.0250	1	10/08/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/08/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/08/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.2 %	70-130	10/08/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	10/08/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	352	20.0	1	10/08/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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**SS19-1'**

**E510087-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Benzene	ND	0.0250	1	10/08/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/08/25	10/10/25	
Toluene	ND	0.0250	1	10/08/25	10/10/25	
o-Xylene	ND	0.0250	1	10/08/25	10/10/25	
p,m-Xylene	<b>0.0529</b>	0.0500	1	10/08/25	10/10/25	
Total Xylenes	<b>0.0529</b>	0.0250	1	10/08/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	10/08/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/08/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	10/08/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2541079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/08/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541101
Chloride	<b>63.3</b>	20.0	1	10/08/25	10/09/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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#### 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 (2541084-BLK1)**

Prepared: 10/08/25 Analyzed: 10/09/25

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	7.96		8.00		99.5	70-130			

**LCS (2541084-BS1)**

Prepared: 10/08/25 Analyzed: 10/09/25

Benzene	5.00	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.82	0.0500	10.0		98.2	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

**Matrix Spike (2541084-MS1)**

Source: E510087-03

Prepared: 10/08/25 Analyzed: 10/09/25

Benzene	5.59	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.39	0.0250	5.00	ND	108	70-130			
Toluene	5.51	0.0250	5.00	ND	110	70-130			
o-Xylene	5.44	0.0250	5.00	ND	109	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.2	70-130			

**Matrix Spike Dup (2541084-MSD1)**

Source: E510087-03

Prepared: 10/08/25 Analyzed: 10/09/25

Benzene	5.49	0.0250	5.00	ND	110	70-130	1.72	27	
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130	1.29	26	
Toluene	5.42	0.0250	5.00	ND	108	70-130	1.67	20	
o-Xylene	5.36	0.0250	5.00	ND	107	70-130	1.38	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	1.16	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	1.23	26	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541084-BLK1)**

Prepared: 10/08/25 Analyzed: 10/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

**LCS (2541084-BS2)**

Prepared: 10/08/25 Analyzed: 10/09/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

**Matrix Spike (2541084-MS2)**

Source: E510087-03

Prepared: 10/08/25 Analyzed: 10/09/25

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

**Matrix Spike Dup (2541084-MSD2)**

Source: E510087-03

Prepared: 10/08/25 Analyzed: 10/09/25

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	7.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541079-BLK1)**

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	61-141			

**LCS (2541079-BS1)**

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			

**Matrix Spike (2541079-MS1)**

Source: E510087-01

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	49.1		50.0		98.1	61-141			

**Matrix Spike Dup (2541079-MSD1)**

Source: E510087-01

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	0.758	20	
Surrogate: n-Nonane	50.1		50.0		100	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/2025 10:22:23AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541101-BLK1)**

Prepared: 10/08/25 Analyzed: 10/08/25

Chloride ND 20.0

**LCS (2541101-BS1)**

Prepared: 10/08/25 Analyzed: 10/08/25

Chloride 256 20.0 250 102 90-110

**Matrix Spike (2541101-MS1)**

Source: E510087-03

Prepared: 10/08/25 Analyzed: 10/09/25

Chloride 4900 40.0 250 3300 640 80-120 M4

**Matrix Spike Dup (2541101-MSD1)**

Source: E510087-03

Prepared: 10/08/25 Analyzed: 10/09/25

Chloride 4290 40.0 250 3300 398 80-120 13.2 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/14/25 10:22
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510087		R3003-0002					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					Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BODOC - NM	BODOC - TX	SDWA	CWA	RCRA	
1045	10/6/2025	S	1	BH01 - 0'		1								X		3.7			Corrected
1047	10/6/2025	S	1	BH01 - 0.5'		2								X		2.7			Sample
1049	10/6/2025	S	1	BH01 - 1'		3								X		2.2			name on
1051	10/6/2025	S	1	BH01 - 2'		4								X		2.3			Coc for
1053	10/6/2025	S	1	BH01 - 3'		5								X		1.7			Sample #10
1055	10/6/2025	S	1	BH01 - 4'		6								X		2.0			to match
1057	10/6/2025	S	1	BH01 - 5'		7								X		1.7			Container
1239	10/6/2025	S	1	BH02 - 0'		8								X		4.4			for client
1241	10/6/2025	S	1	BH02 - 0.5'		9								X		2.9			10/1/25
1243	10/6/2025	S	1	BH01-1' BH02-1'		10								X		3.7			CM

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, jgonzalez@ensolum.com, lhinkle@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) <i>Jarad McCauley</i>	Date 10/7/25	Time 1417	Received by: (Signature) <i>Michelle Gonzales</i>	Date 10-7-25	Time 1417	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.
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 10-7-25	Time 1430	Received by: (Signature) <i>Marissa Gonzales</i>	Date 10-7-25	Time 1430	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 10-7-25	Time 1910	Received by: (Signature) <i>Andrew Musso</i>	Date 10-7-25	Time 1910	
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 10-7-25	Time 2330	Received by: (Signature) <i>Carla Man</i>	Date 10-8-25	Time 800	

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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510087		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BCDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1245	10/6/2025	S	1	BH02 - 2'		11								X		3.0			Corrected
1247	10/6/2025	S	1	BH02 - 3'		12								X		2.9			sample
1249	10/6/2025	S	1	BH02 - 4'		13								X		4.4			name on
1432	10/6/2025	S	1	BH03 - 0'		14								X		5.1			COC for
1441	10/6/2025	S	1	BH03 - 0.5'		15								X		3.9			Sample #10
1442	10/6/2025	S	1	BH03 - 1'		16								X		4.6			to match
1444	10/6/2025	S	1	BH03 - 2'		17								X		2.2			Containers
1335	10/6/2025	S	1	SS19 - 0'		18								X		2.6			per client
1412	10/6/2025	S	1	SS19 - 1'		19								X		2.8			10/6/25
																			CM
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, jgonzalez@ensolum.com, ihinkle@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: Jared McCauley																			
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.							
		10/7/25		1417		Michelle Gonzales		10-7-25		1417									
		10-7-25		1430		Marissa Gonzales		10-7-25		1430									
		10-7-25		1910		Andrew Musso		10-7-25		1910									
		10-7-25		2330		Cuth Mo		10-8-25		800									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only							
												Received on ice:							
												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.																			

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510087		28008-0002					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										Analysis and Method				EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	
1045	10/6/2025	S	1	BH01 - 0'		1								X									
1047	10/6/2025	S	1	BH01 - 0.5'		2								X									
1049	10/6/2025	S	1	BH01 - 1'		3								X									
1051	10/6/2025	S	1	BH01 - 2'		4								X									
1053	10/6/2025	S	1	BH01 - 3'		5								X									
1055	10/6/2025	S	1	BH01 - 4'		6								X									
1057	10/6/2025	S	1	BH01 - 5'		7								X									
1239	10/6/2025	S	1	BH02 - 0'		8								X									
1241	10/6/2025	S	1	BH02 - 0.5'		9								X									
1243	10/6/2025	S	1	BH01 - 1'		10								X									
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, igonzalez@ensolum.com, ihinkle@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		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: N											
		10/7/25		1417		Michelle Gonzales		10-7-25		1417													
		10-7-25		1430		Marissa Gonzales		10-7-25		1430													
		10-7-25		1910		Andrew Musso		10-7-25		1910													
		10-7-25		2330		Caitlin Moran		10-8-25		800													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
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.																							

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510087		23005-002					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCFQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Y	or	N	
																Sample Temp			Remarks	
1245	10/6/2025	S	1	BH02 - 2'		11								X		3.0				
1247	10/6/2025	S	1	BH02 - 3'		12								X		2.9				
1249	10/6/2025	S	1	BH02 - 4'		13								X		4.4				
1432	10/6/2025	S	1	BH03 - 0'		14								X		5.1				
1441	10/6/2025	S	1	BH03 - 0.5'		15								X		3.9				
1442	10/6/2025	S	1	BH03 - 1'		16								X		4.6				
1444	10/6/2025	S	1	BH03 - 2'		17								X		2.2				
1335	10/6/2025	S	1	SS19 - 0'		18								X		2.6				
1412	10/6/2025	S	1	SS19 - 1'		19								X		2.8				

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, ihinkle@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) <i>[Signature]</i>	Date 10/7/25	Time 1417	Received by: (Signature) <i>Michelle Gonzalez</i>	Date 10-7-25	Time 1417	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.
Relinquished by: (Signature) <i>Michelle Gonzalez</i>	Date 10-7-25	Time 1430	Received by: (Signature) <i>Marissa Gonzalez</i>	Date 10-7-25	Time 1430	
Relinquished by: (Signature) <i>Marissa Gonzalez</i>	Date 10-7-25	Time 1910	Received by: (Signature) <i>Andrew Musso</i>	Date 10-7-25	Time 1910	
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 10-7-25	Time 2330	Received by: (Signature) <i>Caitlin Mon</i>	Date 10-8-25	Time 800	

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: 10/8/2025 11:44:09AM

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: 10/08/25 08:00 Work Order ID: E510087
Phone: (972) 371-5200 Date Logged In: 10/07/25 15:32 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/14/25 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? No
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Sample 10 name on COC did not match container. Corrected COC name per client.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Rec. Pond

Work Order: E510094

Job Number: 23003-0002

Received: 10/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/15/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/15/25



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

Project Name: Desoto Springs Rec. Pond  
Workorder: E510094  
Date Received: 10/9/2025 3:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/9/2025 3:45:00AM, under the Project Name: Desoto Springs Rec. Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Rec. Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

Reported:

10/15/25 10:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04-0'	E510094-01A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH04-0.5'	E510094-02A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH04-1'	E510094-03A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH04-2'	E510094-04A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH05-0'	E510094-05A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH05-0.5'	E510094-06A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH05-1'	E510094-07A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH05-2'	E510094-08A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH06-0'	E510094-09A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH06-0.5'	E510094-10A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH06-1'	E510094-11A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH06-2'	E510094-12A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH07-0'	E510094-13A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH07-0.5'	E510094-14A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH07-1'	E510094-15A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH07-2'	E510094-16A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH08-0'	E510094-17A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH08-0.5'	E510094-18A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH08-1'	E510094-19A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH08-2'	E510094-20A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH09-0'	E510094-21A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH09-0.5'	E510094-22A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH09-1'	E510094-23A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH09-2'	E510094-24A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH09-3'	E510094-25A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH10-0'	E510094-26A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH10-0.5'	E510094-27A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH10-1'	E510094-28A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
BH10-2'	E510094-29A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH04-0'**

**E510094-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2541112	
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.2 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2541112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2541105	
Diesel Range Organics (C10-C28)	<b>292</b>	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	<b>169</b>	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2541120	
Chloride	<b>5580</b>	100	5	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH04-0.5'**

**E510094-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	40.2	20.0	1	10/09/25	10/09/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH05-0'**

**E510094-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	6800	200	10	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH05-0.5'**

**E510094-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.1 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	532	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH06-0'**

**E510094-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	9460	200	10	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH06-0.5'**

**E510094-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	224	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH07-0'**

**E510094-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	8640	200	10	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH07-0.5'**

**E510094-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	2080	40.0	2	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH07-1'**

**E510094-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	48.2	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH08-0'**

**E510094-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	<b>0.316</b>	0.0250	1	10/09/25	10/10/25	
Toluene	<b>0.111</b>	0.0250	1	10/09/25	10/10/25	
o-Xylene	<b>0.583</b>	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	<b>1.54</b>	0.0500	1	10/09/25	10/10/25	
Total Xylenes	<b>2.12</b>	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	<b>34.3</b>	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	<b>256</b>	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	<b>82.4</b>	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	<b>14000</b>	400	20	10/09/25	10/09/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH08-0.5'**

**E510094-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	<b>0.103</b>	0.0250	1	10/09/25	10/10/25	
Toluene	<b>0.0306</b>	0.0250	1	10/09/25	10/10/25	
o-Xylene	<b>0.0617</b>	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	<b>0.470</b>	0.0500	1	10/09/25	10/10/25	
Total Xylenes	<b>0.532</b>	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	<b>32.3</b>	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	<b>1790</b>	40.0	2	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH08-1'**  
**E510094-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	<b>0.0291</b>	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	<b>0.0799</b>	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	<b>0.0633</b>	0.0500	1	10/09/25	10/10/25	
Total Xylenes	<b>0.143</b>	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541112
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541105
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541120
Chloride	<b>104</b>	20.0	1	10/09/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH09-0'**

**E510094-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2541106
Diesel Range Organics (C10-C28)	76.1	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	89.9	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541121
Chloride	5250	100	5	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH09-0.5'**

**E510094-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541110	
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2541106	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>		96.0 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2541121	
Chloride	768	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH09-1'**

**E510094-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2541106
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>		94.7 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541121
Chloride	464	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH09-2'**

**E510094-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2541106
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	10/09/25	10/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541121
Chloride	525	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH09-3'**

**E510094-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2541106
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541121
Chloride	97.5	20.0	1	10/09/25	10/09/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH10-0'**  
**E510094-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.2 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.1 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541106
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		97.8 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541121
Chloride	725	20.0	1	10/09/25	10/09/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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**BH10-0.5'**

**E510094-27**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2541110
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	10/09/25	10/10/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2541106
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/10/25	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	10/09/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541121
Chloride	165	20.0	1	10/09/25	10/09/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2541110-BLK1)

Prepared: 10/09/25 Analyzed: 10/10/25

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	7.30		8.00		91.2	70-130			

#### LCS (2541110-BS1)

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.1	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	4.99	0.0250	5.00		99.8	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	7.29		8.00		91.1	70-130			

#### Matrix Spike (2541110-MS1)

Source: E510092-10

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	5.35	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130			
Toluene	5.27	0.0250	5.00	ND	105	70-130			
o-Xylene	5.22	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

#### Matrix Spike Dup (2541110-MSD1)

Source: E510092-10

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	5.53	0.0250	5.00	ND	111	70-130	3.33	27	
Ethylbenzene	5.34	0.0250	5.00	ND	107	70-130	3.18	26	
Toluene	5.45	0.0250	5.00	ND	109	70-130	3.30	20	
o-Xylene	5.39	0.0250	5.00	ND	108	70-130	3.17	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	2.98	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	3.05	26	
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541112-BLK1)**

Prepared: 10/09/25 Analyzed: 10/13/25

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	8.21		8.00		103	70-130			

**LCS (2541112-BS1)**

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	4.54	0.0250	5.00		90.9	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130			
Toluene	4.53	0.0250	5.00		90.5	70-130			
o-Xylene	4.47	0.0250	5.00		89.4	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.6	0.0250	15.0		90.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			

**Matrix Spike (2541112-MS1)**

Source: E510094-04

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.57	0.0250	5.00	ND	91.4	70-130			
Toluene	4.61	0.0250	5.00	ND	92.1	70-130			
o-Xylene	4.58	0.0250	5.00	ND	91.6	70-130			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

**Matrix Spike Dup (2541112-MSD1)**

Source: E510094-04

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	4.96	0.0250	5.00	ND	99.2	70-130	6.45	27	
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	70-130	6.99	26	
Toluene	4.93	0.0250	5.00	ND	98.5	70-130	6.73	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130	5.68	25	
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	70-130	6.68	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.4	70-130	6.35	26	
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### 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 (2541110-BLK1)**

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130		

**LCS (2541110-BS2)**

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	58.7	20.0	50.0		117	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130		

**Matrix Spike (2541110-MS2)**

Source: E510092-10

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130		

**Matrix Spike Dup (2541110-MSD2)**

Source: E510092-10

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	1.66	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.6	70-130		



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### 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 (2541112-BLK1)**

Prepared: 10/09/25 Analyzed: 10/13/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130		

**LCS (2541112-BS2)**

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130		

**Matrix Spike (2541112-MS2)**

Source: E510094-04

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.1	70-130		

**Matrix Spike Dup (2541112-MSD2)**

Source: E510094-04

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130	1.89	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130		



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541105-BLK1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.1		50.0		114	61-141			

**LCS (2541105-BS1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: <i>n</i> -Nonane	53.0		50.0		106	61-141			

**Matrix Spike (2541105-MS1)**

Source: E510094-03

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	56-156			
Surrogate: <i>n</i> -Nonane	57.9		50.0		116	61-141			

**Matrix Spike Dup (2541105-MSD1)**

Source: E510094-03

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156	11.4	20	
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541106-BLK1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.2		50.0		92.4	61-141			

**LCS (2541106-BS1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.2	61-141			

**Matrix Spike (2541106-MS1)**

Source: E510093-04

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	56-156			
Surrogate: <i>n</i> -Nonane	46.9		50.0		93.7	61-141			

**Matrix Spike Dup (2541106-MSD1)**

Source: E510093-04

Prepared: 10/09/25 Analyzed: 10/09/25

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	56-156	0.0108	20	
Surrogate: <i>n</i> -Nonane	46.8		50.0		93.5	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541120-BLK1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride ND 20.0

**LCS (2541120-BS1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2541120-MS1)**

Source: E510094-04

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride 254 20.0 250 ND 102 80-120

**Matrix Spike Dup (2541120-MSD1)**

Source: E510094-04

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride 254 20.0 250 ND 102 80-120 0.0634 20





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/2025 10:59:31AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541121-BLK1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride ND 20.0

**LCS (2541121-BS1)**

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2541121-MS1)**

Source: E510093-06

Prepared: 10/09/25 Analyzed: 10/10/25

Chloride 434 20.0 250 176 103 80-120

**Matrix Spike Dup (2541121-MSD1)**

Source: E510093-06

Prepared: 10/09/25 Analyzed: 10/09/25

Chloride 411 20.0 250 176 94.0 80-120 5.54 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/15/25 10:59
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec. Pond				Address: 3122 National Parks Hwy				E 510094		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											Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1121	10/7/2025	S	1	BH04 - 0'		1								X		1.4			
1123	10/7/2025	S	1	BH04 - 0.5'		2								X		1.7			
1125	10/7/2025	S	1	BH04 - 1'		3								X		1.3			Do not run for BGDOC unless BH04 - 0.5' is >100 TPH or 600CI
1127	10/7/2025	S	1	BH04 - 2'		4								X		1.1			Do not run for BGDOC unless BH04 - 1' is >100 TPH or 600CI
1136	10/7/2025	S	1	BH05 - 0'		5								X		2.1			
1138	10/7/2025	S	1	BH05 - 0.5'		6								X		1.0			
1140	10/7/2025	S	1	BH05 - 1'		7								X		2.2			Do not run for BGDOC unless BH05 - 0.5' is >100 TPH or 600CI
1142	10/7/2025	S	1	BH05 - 2'		8								X		1.9			Do not run for BGDOC unless BH05 - 1' is >100 TPH or 600CI
1200	10/7/2025	S	1	BH06 - 0'		9								X		1.7			
1202	10/7/2025	S	1	BH06 - 0.5'		10								X		1.6			
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, igonzalez@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	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.													
<i>JM</i>	10-8-25	1100	<i>Michelle Gonzales</i>	10-8-25	1100	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	10-8-25	1215	<i>Marissa Gonzales</i>	10-8-25	1215														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzales</i>	10-8-25	1715	<i>Andrew Musso</i>	10-8-25	1715														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Andrew Musso</i>	10-8-25	2115	<i>Nee Sat</i>	10-9-25	0345														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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.																			

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec. Pond				Address: 3122 National Parks Hwy				E 510094		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											Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1204	10/7/2025	S	1	BH06 - 1'		11								X		2.3			Do not run for BGDOC unless BH06 - 0.5' is >100 TPH or 600CI
1206	10/7/2025	S	1	BH06 - 2'		12								X		1.8			Do not run for BGDOC unless BH06 - 1' is >100 TPH or 600CI
1216	10/7/2025	S	1	BH07 - 0'		13								X		1.9			
1218	10/7/2025	S	1	BH07 - 0.5'		14								X		2.5			
1220	10/7/2025	S	1	BH07 - 1'		15								X		2.3			Do not run for BGDOC unless BH07 - 0.5' is >100 TPH or 600CI
1222	10/7/2025	S	1	BH07 - 2'		16								X		2.7			Do not run for BGDOC unless BH07 - 1' is >100 TPH or 600CI
1308	10/7/2025	S	1	BH08 - 0'		17								X		2.1			
1310	10/7/2025	S	1	BH08 - 0.5'		18								X		2.0			
1312	10/7/2025	S	1	BH08 - 1'		19								X		1.9			Do not run for BGDOC unless BH08 - 0.5' is >100 TPH or 600CI
1314	10/7/2025	S	1	BH08 - 2'		20								X		1.8			Do not run for BGDOC unless BH08 - 1' is >100 TPH or 600CI
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, jgonzalez@ensolum.com, ihinkle@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	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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N													
<i>Jarad McCauley</i>	10-8-25	1100	<i>Michelle Gonzales</i>	10-8-25	1100														
<i>Michelle Gonzales</i>	10-8-25	1215	<i>Marissa Gonzales</i>	10-8-25	1215														
<i>Marissa Gonzales</i>	10-8-25	1715	<i>Andrew Musso</i>	10-8-25	1715														
<i>Andrew Musso</i>	10-8-25	2115	<i>Noe Soto</i>	10-9-25	0345														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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.																			

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec. Pond				Address: 3122 National Parks Hwy				E510094		23003-0022					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #				
																Sample Temp			Remarks	
1324	10/7/2025	S	1	BH09 - 0'		21								X		1.1				
1326	10/7/2025	S	1	BH09 - 0.5'		22								X		1.3				
1328	10/7/2025	S	1	BH09 - 1'		23								X		1.4				
1330	10/7/2025	S	1	BH09 - 2'		24								X		1.0				
1332	10/7/2025	S	1	BH09 - 3'		25								X		1.8				
1340	10/7/2025	S	1	BH10 - 0'		26								X		1.6				
1342	10/7/2025	S	1	BH10 - 0.5'		27								X		1.4				
1344	10/7/2025	S	1	BH10 - 1'		28								X		1.2			Do not run for BGDOC unless BH10 - 0.5' is >100 TPH or 600CI	
1346	10/7/2025	S	1	BH10 - 2'		29								X		1.5			Do not run for BGDOC unless BH10 - 1' is >100 TPH or 600CI	

**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, jgonzalez@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						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: (X) / N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>JM</i>	10-8-25	1100	<i>Michelle Gonzales</i>	10-8-25	1100						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	10-8-25	1215	<i>Marlissa Gonzales</i>	10-8-25	1215						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Marlissa Gonzales</i>	10-8-25	1715	<i>Andrew Musso</i>	10-8-25	1715						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Andrew Musso</i>	10-8-25	2115	<i>No. Soto</i>	10-9-25	0345						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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: 10/9/2025 9:00:45AM

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: 10/09/25 03:45	Work Order ID: E510094
Phone: (972) 371-5200	Date Logged In: 10/08/25 15:05	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 10/15/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**Comments/Resolution**

See COC for client remarks.

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Rec. Pond

Work Order: E510104

Job Number: 23003-0002

Received: 10/10/2025

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/16/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/16/25



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

Project Name: Desoto Springs Rec. Pond  
Workorder: E510104  
Date Received: 10/10/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/10/2025 8:00:00AM, under the Project Name: Desoto Springs Rec. Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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



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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Rec. Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

Reported:

10/16/25 16:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11-0'	E510104-01A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-0.5'	E510104-02A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-1'	E510104-03A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-2'	E510104-04A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-3'	E510104-05A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-4'	E510104-06A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-6'	E510104-07A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH11-8'	E510104-08A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH12-0'	E510104-09A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH12-0.5'	E510104-10A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH12-1'	E510104-11A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH12-2'	E510104-12A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-0'	E510104-13A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-0.5'	E510104-14A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-1'	E510104-15A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-2'	E510104-16A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-3'	E510104-17A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-4'	E510104-18A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-5'	E510104-19A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH13-7'	E510104-20A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH14-0'	E510104-21A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH14-0.5'	E510104-22A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH14-1'	E510104-23A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BH14-2'	E510104-24A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
SS24-0'	E510104-25A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
SS24-1'	E510104-26A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-0'**

**E510104-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2541142	
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2541142	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.8 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2541137	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2541152	
Chloride	9850	200	10	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-0.5'**

**E510104-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	1130	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-1'**

**E510104-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		96.3 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	3770	40.0	2	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-2'**

**E510104-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		97.7 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	3090	40.0	2	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-3'**

**E510104-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	717	20.0	1	10/10/25	10/10/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-4'**

**E510104-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	898	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-6'**

**E510104-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	591	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH11-8'**

**E510104-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		98.9 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	56.6	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH12-0'**  
**E510104-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	57.2	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	11600	200	10	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH12-0.5'**

**E510104-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/11/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/11/25	
Toluene	ND	0.0250	1	10/10/25	10/11/25	
o-Xylene	ND	0.0250	1	10/10/25	10/11/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/11/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	10/10/25	10/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	480	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH12-1'**

**E510104-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	237	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH12-2'**

**E510104-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	101	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-0'**

**E510104-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	7470	100	5	10/10/25	10/10/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-0.5'**

**E510104-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		95.0 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	364	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-1'**  
**E510104-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.1 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>						
		94.5 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	821	20.0	1	10/10/25	10/10/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-2'**

**E510104-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.3 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>						
		95.2 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	873	20.0	1	10/10/25	10/11/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-3'**

**E510104-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	461	20.0	1	10/10/25	10/11/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-4'**  
**E510104-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2541152
Chloride	565	20.0	1	10/10/25	10/11/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-5'**  
**E510104-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2541152
Chloride	466	20.0	1	10/10/25	10/11/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH13-7'**

**E510104-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2541142
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2541142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.3 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2541137
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2541152
Chloride	ND	20.0	1	10/10/25	10/11/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH14-0'**

**E510104-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		96.0 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541155
Chloride	6210	100	5	10/10/25	10/13/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH14-0.5'**

**E510104-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.0 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		87.4 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541155
Chloride	310	20.0	1	10/10/25	10/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH14-1'**  
**E510104-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		90.2 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541155
Chloride	136	20.0	1	10/10/25	10/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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**BH14-2'**

**E510104-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		90.7 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541155
Chloride	ND	20.0	1	10/10/25	10/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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SS24-0'

E510104-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		86.9 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541155
Chloride	101	20.0	1	10/10/25	10/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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SS24-1'

E510104-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Benzene	ND	0.0250	1	10/10/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/13/25	
Toluene	ND	0.0250	1	10/10/25	10/13/25	
o-Xylene	ND	0.0250	1	10/10/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2541141
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	10/10/25	10/13/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2541135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/10/25	
<i>Surrogate: n-Nonane</i>		90.3 %	61-141	10/10/25	10/10/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2541155
Chloride	54.0	20.0	1	10/10/25	10/13/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2541141-BLK1)

Prepared: 10/10/25 Analyzed: 10/11/25

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 (2541141-BS1)

Prepared: 10/10/25 Analyzed: 10/11/25

Benzene	6.34	0.0250	5.00		127	70-130			
Ethylbenzene	6.24	0.0250	5.00		125	70-130			
Toluene	6.31	0.0250	5.00		126	70-130			
o-Xylene	6.24	0.0250	5.00		125	70-130			
p,m-Xylene	12.6	0.0500	10.0		126	70-130			
Total Xylenes	18.9	0.0250	15.0		126	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.3	70-130			

#### Matrix Spike (2541141-MS1)

Source: E510103-06

Prepared: 10/10/25 Analyzed: 10/11/25

Benzene	5.84	0.0250	5.00	ND	117	70-130			
Ethylbenzene	5.74	0.0250	5.00	ND	115	70-130			
Toluene	5.80	0.0250	5.00	ND	116	70-130			
o-Xylene	5.75	0.0250	5.00	ND	115	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

#### Matrix Spike Dup (2541141-MSD1)

Source: E510103-06

Prepared: 10/10/25 Analyzed: 10/11/25

Benzene	6.25	0.0250	5.00	ND	125	70-130	6.83	27	
Ethylbenzene	6.16	0.0250	5.00	ND	123	70-130	7.01	26	
Toluene	6.22	0.0250	5.00	ND	124	70-130	6.93	20	
o-Xylene	6.16	0.0250	5.00	ND	123	70-130	6.87	25	
p,m-Xylene	12.5	0.0500	10.0	ND	125	70-130	6.90	23	
Total Xylenes	18.7	0.0250	15.0	ND	124	70-130	6.89	26	
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2541142-BLK1)

Prepared: 10/10/25 Analyzed: 10/11/25

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	8.02		8.00		100	70-130			

#### LCS (2541142-BS1)

Prepared: 10/10/25 Analyzed: 10/11/25

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.3	0.0250	15.0		95.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

#### Matrix Spike (2541142-MS1)

Source: E510104-06

Prepared: 10/10/25 Analyzed: 10/11/25

Benzene	4.99	0.0250	5.00	ND	99.8	70-130			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	70-130			
Toluene	4.95	0.0250	5.00	ND	99.0	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

#### Matrix Spike Dup (2541142-MSD1)

Source: E510104-06

Prepared: 10/10/25 Analyzed: 10/11/25

Benzene	5.18	0.0250	5.00	ND	104	70-130	3.78	27	
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130	4.52	26	
Toluene	5.15	0.0250	5.00	ND	103	70-130	4.09	20	
o-Xylene	5.10	0.0250	5.00	ND	102	70-130	3.56	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	4.20	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	3.99	26	
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541141-BLK1)**

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.8	70-130			

**LCS (2541141-BS2)**

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

**Matrix Spike (2541141-MS2)**

Source: E510103-06

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.91		8.00		86.4	70-130			

**Matrix Spike Dup (2541141-MSD2)**

Source: E510103-06

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	17.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.96		8.00		87.0	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### 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 (2541142-BLK1)**

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

**LCS (2541142-BS2)**

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

**Matrix Spike (2541142-MS2)**

Source: E510104-06

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.4	70-130			

**Matrix Spike Dup (2541142-MSD2)**

Source: E510104-06

Prepared: 10/10/25 Analyzed: 10/11/25

Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130	2.43	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541135-BLK1)**

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	44.5		50.0		89.0	61-141			

**LCS (2541135-BS1)**

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	226	25.0	250		90.3	66-144			
Surrogate: <i>n</i> -Nonane	43.9		50.0		87.8	61-141			

**Matrix Spike (2541135-MS1)**

Source: E510102-03

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.7	56-156			
Surrogate: <i>n</i> -Nonane	45.4		50.0		90.7	61-141			

**Matrix Spike Dup (2541135-MSD1)**

Source: E510102-03

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.3	56-156	2.53	20	
Surrogate: <i>n</i> -Nonane	44.6		50.0		89.2	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541137-BLK1)**

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.2		50.0		94.3	61-141			

**LCS (2541137-BS1)**

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	249	25.0	250		99.5	66-144			
Surrogate: <i>n</i> -Nonane	47.9		50.0		95.8	61-141			

**Matrix Spike (2541137-MS1)**

Source: E510104-15

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156			
Surrogate: <i>n</i> -Nonane	48.4		50.0		96.7	61-141			

**Matrix Spike Dup (2541137-MSD1)**

Source: E510104-15

Prepared: 10/10/25 Analyzed: 10/10/25

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.07	20	
Surrogate: <i>n</i> -Nonane	48.8		50.0		97.6	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541152-BLK1)**

Prepared: 10/10/25 Analyzed: 10/10/25

Chloride ND 20.0

**LCS (2541152-BS1)**

Prepared: 10/10/25 Analyzed: 10/10/25

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2541152-MS1)**

Source: E510104-07

Prepared: 10/10/25 Analyzed: 10/10/25

Chloride 867 20.0 250 591 110 80-120

**Matrix Spike Dup (2541152-MSD1)**

Source: E510104-07

Prepared: 10/10/25 Analyzed: 10/10/25

Chloride 873 20.0 250 591 113 80-120 0.747 20



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/2025 4:21:58PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2541155-BLK1)**

Prepared: 10/10/25 Analyzed: 10/13/25

Chloride ND 20.0

**LCS (2541155-BS1)**

Prepared: 10/10/25 Analyzed: 10/13/25

Chloride 250 20.0 250 99.9 90-110

**Matrix Spike (2541155-MS1)**

Source: E510104-23

Prepared: 10/10/25 Analyzed: 10/13/25

Chloride 374 20.0 250 136 95.0 80-120

**Matrix Spike Dup (2541155-MSD1)**

Source: E510104-23

Prepared: 10/10/25 Analyzed: 10/13/25

Chloride 389 20.0 250 136 101 80-120 4.05 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Rec. Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/16/25 16:21
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec Pond				Address: 3122 National Parks Hwy				E510104		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					Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #			
																Sample Temp			Remarks
1140	10/8/2025	S	1	BH11 - 0'		1								X		4.5			
1142	10/8/2025	S	1	BH11 - 0.5'		2								X		3.1			
1144	10/8/2025	S	1	BH11 - 1'		3								X		3.3			
1146	10/8/2025	S	1	BH11 - 2'		4								X		2.4			
1148	10/8/2025	S	1	BH11 - 3'		5								X		3.0			
1150	10/8/2025	S	1	BH11 - 4'		6								X		3.3			
1154	10/8/2025	S	1	BH11 - 6'		7								X		2.2			
1158	10/8/2025	S	1	BH11 - 8'		8								X		3.7			

**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, jgonzalez@ensolum.com, ihinkle@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	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.
	10/9/25	11134	Michelle Gonzales	10-9-25	1134	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Michelle Gonzales	10-9-25	1215	Nathan Dwyer	10-9-25	1215	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
Nathan Dwyer	10-9-25	1650	Andrew Musso	10-9-25	1650	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice:
Andrew Musso	10-9-25	2245	Caitlin Mor	10-10-25	800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	<input checked="" type="radio"/> Y / <input type="radio"/> 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.

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec Pond				Address: 3122 National Parks Hwy				E510104		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #			
																Sample Temp			Remarks
1200	10/8/2025	S	1	BH12 - 0'		9								X		5.0			
1202	10/8/2025	S	1	BH12 - 0.5'		10								X		5.2			
1204	10/8/2025	S	1	BH12 - 1'		11								X		5.1			Do not run for BGDOC unless BH12 - 0.5' is >100TPH or 600CI
1206	10/8/2025	S	1	BH12 - 2'		12								X		5.4			Do not run for BGDOC unless BH12 - 1' is >100TPH or 600CI
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, jgonzalez@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: <u>Jarad McCauley</u>																			
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							
				10/9/25	11:34					10.9.25	1134								
				10.9.25	1215					10.9.25	1215								
				10.9.25	1650					10.9.25	1630								
				10.9.25	2245					10.10.25	800								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
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.																			



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec Pond				Address: 3122 National Parks Hwy				E510104		2303002					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: aglovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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		
1210	10/8/2025	S	1	BH13 - 0'		13								X						
1212	10/8/2025	S	1	BH13 - 0.5'		14								X						
1214	10/8/2025	S	1	BH13 - 1'		15								X						
1216	10/8/2025	S	1	BH13 - 2'		16								X						
1218	10/8/2025	S	1	BH13 - 3'		17								X						
1220	10/8/2025	S	1	BH13 - 4'		18								X						
1224	10/8/2025	S	1	BH13 - 5'		19								X						
1228	10/8/2025	S	1	BH13 - 7'		20								X						

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, ihinkle@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						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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	10/9/25	11:34	Michelle Gonzales	10-9-25	1134						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	10-9-25	1215	<i>[Signature]</i>	10-9-25	1215						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	10-9-25	1650	Andrew Musso	10-9-25	1650						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Andrew Musso	10-9-25	2245	Cathy Thar	10-10-25	800						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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.

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec Pond				Address: 3122 National Parks Hwy				E510104		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					Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1230	10/8/2025	S	1	BH14 - 0'		21								X					
1232	10/8/2025	S	1	BH14 - 0.5'		22								X					
1234	10/8/2025	S	1	BH14 - 1'		23								X					Do not run for BGDOC unless BH14 - 0.5' is >100TPH or >600Cl
1236	10/8/2025	S	1	BH14 - 2'		24								X					Do not run for BGDOC unless BH14 - 1' is >100TPH or >600Cl

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, jgonzalez@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.

Relinquished by: (Signature) <i>Jarad McCauley</i>						Received by: (Signature) <i>Michelle Gonzales</i>						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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Date		Time		Date		Time		Date		Time								Date		Time	
10/9/25		11:35		10-9-25		1135		10-9-25		1215								10-9-25		1650	
10-9-25		1215		10-9-25		1650		10-9-25		1650								10-9-25		1650	
Relinquished by: (Signature) <i>Michelle Gonzales</i>						Received by: (Signature) <i>Nathan Dwyer</i>															
Date		Time		Date		Time		Date		Time		Date		Time		Date		Time			
10-9-25		1650		10-9-25		2245		10-9-25		800		10-10-25		800							
10-9-25		2245		10-9-25		800		10-10-25		800											
Relinquished by: (Signature) <i>Nathan Dwyer</i>						Received by: (Signature) <i>Andreue Musso</i>															
Date		Time		Date		Time		Date		Time		Date		Time		Date		Time			
10-9-25		2245		10-9-25		800		10-10-25		800											
Relinquished by: (Signature) <i>Andreue Musso</i>						Received by: (Signature) <i>Caitie Man</i>															
Date		Time		Date		Time		Date		Time		Date		Time		Date		Time			

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.

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Rec Pond				Address: 3122 National Parks Hwy				E510104		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #			
																Sample Temp			Remarks
1308	10/8/2025	S	1	SS24 - 0'		25								X		5.1			
1408	10/8/2025	S	1	SS24 - 1'		26								X		4.6			
Additional Instructions: Please CC: cburton@ensolum.com, aglovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, lgonzalez@ensolum.com, ihinkle@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	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.													
	10/9/25	11:35	Michelle Gonzalez	10-9-25	1135														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Michelle Gonzalez	10-9-25	1215	Andrew Musso	10-9-25	1215														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
	10-9-25	1650	Andrew Musso	10-9-25	1650														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Andrew Musso	10-9-25	2245	Carla Mar	10-10-25	800														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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: 10/10/2025 9:41:36AM

#### 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: 10/10/25 08:00	Work Order ID: E510104
Phone: (972) 371-5200	Date Logged In: 10/09/25 14:05	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 10/16/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510155

Job Number: 23003-0002

Received: 10/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/21/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/21/25

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E510155  
Date Received: 10/15/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/15/2025 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

**Reported:**

10/21/25 09:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH15-0'	E510155-01A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH15-0.5'	E510155-02A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH15-1'	E510155-03A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH15-2'	E510155-04A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH16-0'	E510155-05A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH16-0.5'	E510155-06A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH16-1'	E510155-07A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH16-2'	E510155-08A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH17-0'	E510155-09A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH17-0.5'	E510155-10A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH17-1'	E510155-11A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH17-2'	E510155-12A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH18-0'	E510155-13A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH18-0.5'	E510155-14A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH18-1'	E510155-15A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH18-2'	E510155-16A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH19-0'	E510155-17A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH19-0.5'	E510155-18A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH19-1'	E510155-19A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
BH19-2'	E510155-20A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH15-0'**

**E510155-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542071	
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2542102	
Chloride	48800	2000	100	10/16/25	10/16/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH15-0.5'**

**E510155-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	ND	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH15-1'**  
**E510155-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	ND	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH16-0'**  
**E510155-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	2090	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH16-0.5'**

**E510155-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	25.2	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH16-1'**  
**E510155-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	30.0	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH17-0'**

**E510155-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	4470	40.0	2	10/16/25	10/17/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH17-0.5'**

**E510155-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	1140	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH17-1'**

**E510155-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	450	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH17-2'**  
**E510155-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	25.4	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH18-0'**  
**E510155-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	4970	40.0	2	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH18-0.5'**

**E510155-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	247	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH18-1'**  
**E510155-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/16/25	
Toluene	ND	0.0250	1	10/15/25	10/16/25	
o-Xylene	ND	0.0250	1	10/15/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.5 %	70-130	10/15/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/17/25	
<i>Surrogate: n-Nonane</i>						
		99.1 %	61-141	10/16/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	110	20.0	1	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH19-0'**  
**E510155-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/17/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/16/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	25400	1000	50	10/16/25	10/17/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH19-0.5'**

**E510155-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/17/25	
<i>Surrogate: n-Nonane</i>						
		99.8 %	61-141	10/16/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	103	20.0	1	10/16/25	10/17/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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**BH19-1'**  
**E510155-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2542071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2542087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/17/25	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	10/16/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2542102
Chloride	62.4	20.0	1	10/16/25	10/17/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2542071-BLK1)

Prepared: 10/15/25 Analyzed: 10/16/25

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	9.00		8.00		113	70-130			

#### LCS (2542071-BS1)

Prepared: 10/15/25 Analyzed: 10/16/25

Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	5.25	0.0250	5.00		105	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.34	0.0250	5.00		107	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.28		8.00		116	70-130			

#### Matrix Spike (2542071-MS1)

Source: E510155-10

Prepared: 10/15/25 Analyzed: 10/16/25

Benzene	5.05	0.0250	5.00	ND	101	70-130			
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130			
Toluene	5.02	0.0250	5.00	ND	100	70-130			
o-Xylene	5.14	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.22		8.00		115	70-130			

#### Matrix Spike Dup (2542071-MSD1)

Source: E510155-10

Prepared: 10/15/25 Analyzed: 10/16/25

Benzene	4.94	0.0250	5.00	ND	98.8	70-130	2.24	27	
Ethylbenzene	4.96	0.0250	5.00	ND	99.3	70-130	1.83	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	2.03	20	
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	1.91	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	1.67	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	1.75	26	
Surrogate: 4-Bromochlorobenzene-PID	9.22		8.00		115	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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#### 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 (2542071-BLK1)**

Prepared: 10/15/25 Analyzed: 10/16/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130		

**LCS (2542071-BS2)**

Prepared: 10/15/25 Analyzed: 10/16/25

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130		

**Matrix Spike (2542071-MS2)**

Source: E510155-10

Prepared: 10/15/25 Analyzed: 10/16/25

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130		

**Matrix Spike Dup (2542071-MSD2)**

Source: E510155-10

Prepared: 10/15/25 Analyzed: 10/16/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130	3.72	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130		



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2542087-BLK1)**

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.3		50.0		103	61-141			

**LCS (2542087-BS1)**

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: <i>n</i> -Nonane	49.8		50.0		99.7	61-141			

**Matrix Spike (2542087-MS1)**

Source: E510155-14

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156			
Surrogate: <i>n</i> -Nonane	51.2		50.0		102	61-141			

**Matrix Spike Dup (2542087-MSD1)**

Source: E510155-14

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	1.61	20	
Surrogate: <i>n</i> -Nonane	50.3		50.0		101	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/2025 9:44:24AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2542102-BLK1)**

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride	ND	20.0							
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**LCS (2542102-BS1)**

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride	253	20.0	250		101	90-110			
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**Matrix Spike (2542102-MS1)**

Source: E510155-04

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride	278	20.0	250	25.3	101	80-120			
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**Matrix Spike Dup (2542102-MSD1)**

Source: E510155-04

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride	280	20.0	250	25.3	102	80-120	0.637	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/21/25 09:44
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State				
Client: Matador				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510155		23008-0002					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										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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	PWSID #	
																		Y	or	N
0948	10/13/2025	S	1	BH15-0'		1							X							
1016	10/13/2025	S	1	BH15-0.5'		2							X							
1018	10/13/2025	S	1	BH15-1'		3							X							
1106	10/13/2025	S	1	BH15-2'		4							X							DO NOT RUN FOR BGDOC UNLESS BH15-2' IS >600CL OR 100 TPH
1123	10/13/2025	S	1	BH16-0'		5							X							
1130	10/13/2025	S	1	BH16-0.5'		6							X							
1133	10/13/2025	S	1	BH16-1'		7							X							
1135	10/13/2025	S	1	BH16-2'		8							X							DO NOT RUN FOR BGDOC UNLESS BH16-1' IS >600CL OR 100 TPH
1300	10/13/2025	S	1	BH17-0'		9							X							
1305	10/13/2025	S	1	BH17-0.5'		10							X							
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: Higinio Gonzalez																				
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.												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
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.																				

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510155		28003-0002					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										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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	PWSID #	Sample Temp	Remarks
1307	10/13/2025	S	1	BH17-1'		11							X							3.2	
1309	10/13/2025	S	1	BH17-2'		12							X							3.2	
1313	10/13/2025	S	1	BH18-0'		13							X							1.8	
1323	10/13/2025	S	1	BH18-0.5'		14							X							2.4	
1325	10/13/2025	S	1	BH18-1'		15							X							1.6	
1326	10/13/2025	S	1	BH18-2'		16							X							3.0	DO NOT RUN FOR BGDOC UNLESS BH18-1' IS >600 CL OR 100 TPH
1406	10/13/2025	S	1	BH19-0'		17							X							2.6	
1413	10/13/2025	S	1	BH19-0.5'		18							X							2.2	
1315	10/13/2025	S	1	BH19-1'		19							X							3.0	
1411	10/13/2025	S	1	BH19-2'		20							X							2.4	DO NOT RUN FOR BGDOC UNLESS BH19-1' IS >600 CL OR 100 TPH
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: Higinio Gonzalez																					
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: <input checked="" type="radio"/> Y <input type="radio"/> N															
<i>[Signature]</i>	10-14-25	0700	<i>Michelle Gonzales</i>	10-14-25	0700																
<i>Michelle Gonzales</i>	10-14-25	1430	<i>Marissa Gonzales</i>	10-14-25	1430																
<i>Marissa Gonzales</i>	10-14-25	1900	<i>Andrew Musso</i>	10-14-25	1900																
<i>Andrew Musso</i>	10-14-25	2300	<i>Carth Man</i>	10-15-25	800																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
						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: 10/15/2025 9:47:57AM

#### 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: 10/15/25 08:00	Work Order ID: E510155
Phone: (972) 371-5200	Date Logged In: 10/14/25 16:17	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 10/21/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### Comments/Resolution

Client remarks regarding samples. See COC.

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510193

Job Number: 23003-0002

Received: 10/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/24/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/24/25



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

Project Name: Desoto Springs Recycling Pond  
Workorder: E510193  
Date Received: 10/20/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/20/2025 6:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/25 09:55
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH20-0'	E510193-01A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH20-2'	E510193-02A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH20-4'	E510193-03A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH20-6'	E510193-04A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH21-0'	E510193-05A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH21-1'	E510193-06A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH21-3'	E510193-07A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.
BH21-5'	E510193-08A	Soil	10/16/25	10/20/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH20-0'**

**E510193-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2543011	
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2543011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2543014	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2543021	
Chloride	2350	40.0	2	10/20/25	10/20/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH20-2'**

**E510193-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>		93.2 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	2540	40.0	2	10/20/25	10/20/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH20-4'**  
**E510193-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.3 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>						
		92.8 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	4000	40.0	2	10/20/25	10/20/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH20-6'**  
**E510193-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	294	20.0	1	10/20/25	10/20/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH21-0'**

**E510193-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	5050	100	5	10/20/25	10/20/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH21-1'**  
**E510193-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.9 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>		92.6 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	3980	40.0	2	10/20/25	10/20/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH21-3'**  
**E510193-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>		93.0 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	5350	100	5	10/20/25	10/20/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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**BH21-5'**  
**E510193-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Benzene	ND	0.0250	1	10/20/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/20/25	10/22/25	
Toluene	ND	0.0250	1	10/20/25	10/22/25	
o-Xylene	ND	0.0250	1	10/20/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/20/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/20/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.3 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2543011
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	10/20/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2543014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/25	10/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/25	10/20/25	
<i>Surrogate: n-Nonane</i>						
		92.8 %	61-141	10/20/25	10/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2543021
Chloride	313	20.0	1	10/20/25	10/20/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2543011-BLK1)

Prepared: 10/20/25 Analyzed: 10/22/25

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	8.31		8.00		104	70-130			

#### LCS (2543011-BS1)

Prepared: 10/20/25 Analyzed: 10/22/25

Benzene	4.90	0.0250	5.00		97.9	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.9	70-130			
Toluene	4.80	0.0250	5.00		96.0	70-130			
o-Xylene	4.76	0.0250	5.00		95.2	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.45		8.00		106	70-130			

#### Matrix Spike (2543011-MS1)

Source: E510192-04

Prepared: 10/20/25 Analyzed: 10/22/25

Benzene	5.15	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.00	0.0250	5.00	ND	100	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.1	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			

#### Matrix Spike Dup (2543011-MSD1)

Source: E510192-04

Prepared: 10/20/25 Analyzed: 10/22/25

Benzene	5.01	0.0250	5.00	ND	100	70-130	2.71	27	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	70-130	3.10	26	
Toluene	4.91	0.0250	5.00	ND	98.2	70-130	2.76	20	
o-Xylene	4.88	0.0250	5.00	ND	97.7	70-130	2.40	25	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130	3.02	23	
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130	2.81	26	
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2543011-BLK1)**

Prepared: 10/20/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.3	70-130			

**LCS (2543011-BS2)**

Prepared: 10/20/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

**Matrix Spike (2543011-MS2)**

Source: E510192-04

Prepared: 10/20/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			

**Matrix Spike Dup (2543011-MSD2)**

Source: E510192-04

Prepared: 10/20/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130	9.87	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2543014-BLK1)**

Prepared: 10/20/25 Analyzed: 10/20/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.7		50.0		91.4	61-141			

**LCS (2543014-BS1)**

Prepared: 10/20/25 Analyzed: 10/20/25

Diesel Range Organics (C10-C28)	247	25.0	250		98.9	66-144			
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.6	61-141			

**Matrix Spike (2543014-MS1)**

Source: E510193-06

Prepared: 10/20/25 Analyzed: 10/20/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	47.0		50.0		94.0	61-141			

**Matrix Spike Dup (2543014-MSD1)**

Source: E510193-06

Prepared: 10/20/25 Analyzed: 10/20/25

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	0.366	20	
Surrogate: <i>n</i> -Nonane	47.1		50.0		94.2	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/2025 9:55:53AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2543021-BLK1)**

Prepared: 10/20/25 Analyzed: 10/20/25

Chloride ND 20.0

**LCS (2543021-BS1)**

Prepared: 10/20/25 Analyzed: 10/20/25

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2543021-MS1)**

Source: E510192-05

Prepared: 10/20/25 Analyzed: 10/20/25

Chloride 329 20.0 250 68.9 104 80-120

**Matrix Spike Dup (2543021-MSD1)**

Source: E510192-05

Prepared: 10/20/25 Analyzed: 10/20/25

Chloride 316 20.0 250 68.9 98.8 80-120 4.10 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/24/25 09:55
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State								
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510193		23203-0003					x	x								
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220																				
Address: 3122 National Parks Hwy				Phone: 575-988-0055																				
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com																				
Phone: 575-988-0055				Miscellaneous:																				
Email: agioveno@ensolum.com																								
Sample Information																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO 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	PWSID #	Sample Temp	Remarks	
12:23	10/16/2025	Soil	1	BH20 - 0'			1																4.7	
12:27	10/16/2025	Soil	1	BH20 - 2'			2																3.7	
12:30	10/16/2025	Soil	1	BH20 - 4'			3																4.2	
12:59	10/16/2025	Soil	1	BH20 - 6'			4																4.2	
12:33	10/16/2025	Soil	1	BH21 - 0'			5																3.9	
12:34	10/16/2025	Soil	1	BH21 - 1'			6																3.4	
12:36	10/16/2025	Soil	1	BH21 - 3'			7																3.6	
12:38	10/16/2025	Soil	1	BH21 - 5'			8																3.1	
Additional Instructions: Please CC: cburton@ensolum.com, agioveno@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		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.												
Michelle Gonzales		10/17/25		7:11		Michelle Gonzales		10-17-25		0711														
Michelle Gonzales		10-17-25		1500		Marissa Gonzales		10-17-25		1500														
Marissa Gonzales		10-17-25		1915		Andrew Musso		10-17-25		1915														
Andrew Musso		10-17-25		2315		No Sign		10-20-25		0630														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		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: 10/20/2025 8:54:02AM

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: 10/20/25 06:30 Work Order ID: E510193
Phone: (972) 371-5200 Date Logged In: 10/17/25 16:22 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/24/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

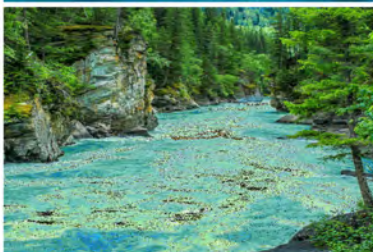
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: nAPP2526466779 Desoto Spring

Work Order: E510290

Job Number: 23003-0002

Received: 10/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/30/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/30/25



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

Project Name: nAPP2526466779 Desoto Spring  
Workorder: E510290  
Date Received: 10/27/2025 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/27/2025 5:00:00AM, under the Project Name: nAPP2526466779 Desoto Spring.

The analytical test results summarized in this report with the Project Name: nAPP2526466779 Desoto Spring apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/25 10:19
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS21-0'	E510290-01A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS21-1'	E510290-02A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS22-0.5'	E510290-03A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS22-1'	E510290-04A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS23-0'	E510290-05A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS23-1'	E510290-06A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS25-0.5	E510290-07A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.
SS25-1'	E510290-08A	Soil	10/22/25	10/27/25	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS21-0'**

**E510290-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2544019	
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2544019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2543120	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2544014	
Chloride	210	20.0	1	10/27/25	10/27/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS21-1'**

**E510290-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	25.4	20.0	1	10/27/25	10/27/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS22-0.5'**

**E510290-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/27/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/27/25	
Toluene	ND	0.0250	1	10/27/25	10/27/25	
o-Xylene	ND	0.0250	1	10/27/25	10/27/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/27/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	10/27/25	10/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	10/27/25	10/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	224	20.0	1	10/27/25	10/28/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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SS22-1'

E510290-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		123 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	146	20.0	1	10/27/25	10/28/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS23-0'**

**E510290-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	158	20.0	1	10/27/25	10/28/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS23-1'**

**E510290-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.6 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	69.8	20.0	1	10/27/25	10/28/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS25-0.5**

**E510290-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	162	20.0	1	10/27/25	10/28/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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**SS25-1'**

**E510290-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Benzene	ND	0.0250	1	10/27/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/27/25	10/28/25	
Toluene	ND	0.0250	1	10/27/25	10/28/25	
o-Xylene	ND	0.0250	1	10/27/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/27/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/27/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.1 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2544019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	10/27/25	10/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2543120
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/25	10/28/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	10/24/25	10/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2544014
Chloride	129	20.0	1	10/27/25	10/28/25	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2544019-BLK1)

Prepared: 10/27/25 Analyzed: 10/27/25

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	7.29		8.00		91.1	70-130			

#### LCS (2544019-BS1)

Prepared: 10/27/25 Analyzed: 10/27/25

Benzene	3.79	0.0250	5.00		75.8	70-130			
Ethylbenzene	3.57	0.0250	5.00		71.5	70-130			
Toluene	3.71	0.0250	5.00		74.2	70-130			
o-Xylene	3.67	0.0250	5.00		73.5	70-130			
p,m-Xylene	7.35	0.0500	10.0		73.5	70-130			
Total Xylenes	11.0	0.0250	15.0		73.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			

#### Matrix Spike (2544019-MS1)

Source: E510290-03

Prepared: 10/27/25 Analyzed: 10/27/25

Benzene	4.45	0.0250	5.00	ND	89.0	70-130			
Ethylbenzene	4.19	0.0250	5.00	ND	83.8	70-130			
Toluene	4.35	0.0250	5.00	ND	87.0	70-130			
o-Xylene	4.28	0.0250	5.00	ND	85.6	70-130			
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	85.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

#### Matrix Spike Dup (2544019-MSD1)

Source: E510290-03

Prepared: 10/27/25 Analyzed: 10/27/25

Benzene	5.01	0.0250	5.00	ND	100	70-130	11.8	27	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	70-130	11.9	26	
Toluene	4.90	0.0250	5.00	ND	98.1	70-130	11.9	20	
o-Xylene	4.80	0.0250	5.00	ND	96.1	70-130	11.5	25	
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	70-130	11.6	23	
Total Xylenes	14.4	0.0250	15.0	ND	96.3	70-130	11.6	26	
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2544019-BLK1)**

Prepared: 10/27/25 Analyzed: 10/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

**LCS (2544019-BS2)**

Prepared: 10/27/25 Analyzed: 10/27/25

Gasoline Range Organics (C6-C10)	36.2	20.0	50.0		72.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

**Matrix Spike (2544019-MS2)**

Source: E510290-03

Prepared: 10/27/25 Analyzed: 10/29/25

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

**Matrix Spike Dup (2544019-MSD2)**

Source: E510290-03

Prepared: 10/27/25 Analyzed: 10/28/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.5	70-130	7.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2543120-BLK1)**

Prepared: 10/24/25 Analyzed: 10/27/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	61-141			

**LCS (2543120-BS1)**

Prepared: 10/24/25 Analyzed: 10/27/25

Diesel Range Organics (C10-C28)	269	25.0	250		108	66-144			
Surrogate: n-Nonane	51.6		50.0		103	61-141			

**Matrix Spike (2543120-MS1)**

Source: E510290-05

Prepared: 10/24/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	53.5		50.0		107	61-141			

**Matrix Spike Dup (2543120-MSD1)**

Source: E510290-05

Prepared: 10/24/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	0.788	20	
Surrogate: n-Nonane	53.3		50.0		107	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/2025 10:19:41AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2544014-BLK1)**

Prepared: 10/27/25 Analyzed: 10/27/25

Chloride ND 20.0

**LCS (2544014-BS1)**

Prepared: 10/27/25 Analyzed: 10/28/25

Chloride 249 20.0 250 99.7 90-110

**Matrix Spike (2544014-MS1)**

Source: E510289-05

Prepared: 10/27/25 Analyzed: 10/28/25

Chloride 750 200 250 534 86.2 80-120

**Matrix Spike Dup (2544014-MSD1)**

Source: E510289-05

Prepared: 10/27/25 Analyzed: 10/27/25

Chloride 790 200 250 534 102 80-120 5.19 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: nAPP2526466779 Desoto Spring Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/30/25 10:19
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



# Chain of Custody

Released to Imaging: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: nAPP2526466779 Desoto Springs				Address: 3122 National Parks Hwy				E510290		2508-0002					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										Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks
9:50	10/22/2025	S	1	SS21-0'			1						X											4.9
10:31	10/22/2025	S	1	SS21-1'			2						X											4.7
10:51	10/22/2025	S	1	SS22-0.5'			3						X											5.2
11:39	10/22/2025	S	1	SS22-1'			4						X											5.1
13:01	10/22/2025	S	1	SS23-0'			5						X											4.9
13:33	10/22/2025	S	1	SS23-1'			6						X											5.5
14:09	10/22/2025	S	1	SS25-0.5			7						X											5.4
14:33	10/22/2025	S	1	SS25-1'			8						X											5.2

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmojr@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	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: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 10/27/2025 9:37:56AM

#### 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: 10/27/25 05:00	Work Order ID: E510290
Phone: (972) 371-5200	Date Logged In: 10/23/25 15:41	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 10/30/25 17:00 (3 day TAT)	

#### Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

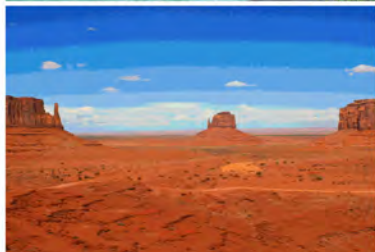
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510361

Job Number: 23003-0002

Received: 10/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/4/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 11/4/25

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E510361  
Date Received: 10/30/2025 6:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2025 6:15:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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**Southern New Mexico Area**

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/04/25 16:49
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS31-0'	E510361-01A	Soil	10/28/25	10/30/25	Glass Jar, 2 oz.
SS31-1'	E510361-02A	Soil	10/28/25	10/30/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/4/2025 4:49:34PM
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**SS31-0'**

**E510361-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2544109	
Benzene	ND	0.0250	1	10/30/25	10/31/25	
Ethylbenzene	ND	0.0250	1	10/30/25	10/31/25	
Toluene	ND	0.0250	1	10/30/25	10/31/25	
o-Xylene	ND	0.0250	1	10/30/25	10/31/25	
p,m-Xylene	ND	0.0500	1	10/30/25	10/31/25	
Total Xylenes	ND	0.0250	1	10/30/25	10/31/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.2 %	70-130	10/30/25	10/31/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2544109	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/25	10/31/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	10/30/25	10/31/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2544127	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/31/25	
<i>Surrogate: n-Nonane</i>						
		91.6 %	61-141	10/30/25	10/31/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2544143	
Chloride	152	20.0	1	10/30/25	10/31/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/4/2025 4:49:34PM
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**SS31-1'**

**E510361-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544109
Benzene	ND	0.0250	1	10/30/25	10/31/25	
Ethylbenzene	ND	0.0250	1	10/30/25	10/31/25	
Toluene	ND	0.0250	1	10/30/25	10/31/25	
o-Xylene	ND	0.0250	1	10/30/25	10/31/25	
p,m-Xylene	ND	0.0500	1	10/30/25	10/31/25	
Total Xylenes	ND	0.0250	1	10/30/25	10/31/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	10/30/25	10/31/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2544109
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/25	10/31/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	10/30/25	10/31/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2544127
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/31/25	
<i>Surrogate: n-Nonane</i>		92.1 %	61-141	10/30/25	10/31/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2544143
Chloride	140	20.0	1	10/30/25	10/31/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/4/2025 4:49:34PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2544109-BLK1)**

Prepared: 10/30/25 Analyzed: 10/30/25

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 (2544109-BS1)**

Prepared: 10/30/25 Analyzed: 10/30/25

Benzene	5.15	0.0250	5.00		103	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.3	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.90	0.0250	5.00		98.0	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.2	70-130			

**Matrix Spike (2544109-MS1)**

Source: E510359-04

Prepared: 10/30/25 Analyzed: 10/30/25

Benzene	4.94	0.0250	5.00	ND	98.8	70-130			
Ethylbenzene	4.60	0.0250	5.00	ND	91.9	70-130			
Toluene	4.80	0.0250	5.00	ND	95.9	70-130			
o-Xylene	4.69	0.0250	5.00	ND	93.8	70-130			
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.1	70-130			

**Matrix Spike Dup (2544109-MSD1)**

Source: E510359-04

Prepared: 10/30/25 Analyzed: 10/30/25

Benzene	5.22	0.0250	5.00	ND	104	70-130	5.63	27	
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	70-130	6.16	26	
Toluene	5.08	0.0250	5.00	ND	102	70-130	5.70	20	
o-Xylene	4.98	0.0250	5.00	ND	99.5	70-130	5.94	25	
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	70-130	5.99	23	
Total Xylenes	14.9	0.0250	15.0	ND	99.5	70-130	5.98	26	
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/4/2025 4:49:34PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2544109-BLK1)**

Prepared: 10/30/25 Analyzed: 10/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

**LCS (2544109-BS2)**

Prepared: 10/30/25 Analyzed: 10/30/25

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			

**Matrix Spike (2544109-MS2)**

Source: E510359-04

Prepared: 10/30/25 Analyzed: 10/30/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.7	70-130			

**Matrix Spike Dup (2544109-MSD2)**

Source: E510359-04

Prepared: 10/30/25 Analyzed: 10/30/25

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130	0.493	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/4/2025 4:49:34PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2544127-BLK1)**

Prepared: 10/30/25 Analyzed: 10/30/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.5		50.0		87.1	61-141			

**LCS (2544127-BS1)**

Prepared: 10/30/25 Analyzed: 10/30/25

Diesel Range Organics (C10-C28)	225	25.0	250		90.1	66-144			
Surrogate: <i>n</i> -Nonane	44.1		50.0		88.3	61-141			

**Matrix Spike (2544127-MS1)**

Source: E510354-06

Prepared: 10/30/25 Analyzed: 10/30/25

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	56-156			
Surrogate: <i>n</i> -Nonane	44.7		50.0		89.3	61-141			

**Matrix Spike Dup (2544127-MSD1)**

Source: E510354-06

Prepared: 10/30/25 Analyzed: 10/30/25

Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.0	56-156	3.79	20	
Surrogate: <i>n</i> -Nonane	44.4		50.0		88.8	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/4/2025 4:49:34PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2544143-BLK1)**

Prepared: 10/30/25 Analyzed: 10/31/25

Chloride ND 20.0

**LCS (2544143-BS1)**

Prepared: 10/30/25 Analyzed: 10/31/25

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2544143-MS1)**

Source: E510346-06

Prepared: 10/30/25 Analyzed: 10/31/25

Chloride 446 20.0 250 176 108 80-120

**Matrix Spike Dup (2544143-MSD1)**

Source: E510346-06

Prepared: 10/30/25 Analyzed: 10/31/25

Chloride 454 20.0 250 176 111 80-120 1.63 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/04/25 16:49
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510361		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #			
																Sample Temp			Remarks
1107	10/28/2025	Soil	1	SS31-0'		1										1.5			
1200	10/28/2025	Soil	1	SS31-1'		2										1.2			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle																			
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.							
Jenna Hinkle				10/29/2025	7:00	Michelle Gonzales				10-29-25	0700								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Michelle Gonzales				10-29-25	1430	Marissa Gonzales				10-29-25	1430								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Marissa Gonzales				10-29-25	2015	Andrew Musso				10-29-25	2015								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N							
Andrew Musso				10-30-25	0100	Noe Soto				10-30-25	0615								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
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: 10/30/2025 9:28:01AM

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: 10/30/25 06:15 Work Order ID: E510361
Phone: (972) 371-5200 Date Logged In: 10/29/25 15:46 Logged In By: Noe Soto
Email: agiovengo@ensolum.com Due Date: 11/05/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510379

Job Number: 23003-0002

Received: 11/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/5/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 11/5/25

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E510379  
Date Received: 11/3/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2025 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/05/25 16:53
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS27-0'	E510379-01A	Soil	10/29/25	11/03/25	Glass Jar, 2 oz.
SS27-1'	E510379-02A	Soil	10/29/25	11/03/25	Glass Jar, 2 oz.
SS41-0'	E510379-03A	Soil	10/29/25	11/03/25	Glass Jar, 2 oz.
SS41-1'	E510379-04A	Soil	10/29/25	11/03/25	Glass Jar, 2 oz.
SS44-0'	E510379-05A	Soil	10/29/25	11/03/25	Glass Jar, 2 oz.
SS44-1'	E510379-06A	Soil	10/29/25	11/03/25	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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**SS27-0'**

**E510379-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2545002
Benzene	ND	0.0250	1	11/03/25	11/03/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/03/25	
Toluene	ND	0.0250	1	11/03/25	11/03/25	
o-Xylene	ND	0.0250	1	11/03/25	11/03/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/03/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2545002
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2545010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/25	11/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/25	11/03/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	11/03/25	11/03/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2545003
Chloride	ND	20.0	1	11/03/25	11/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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SS27-1'

E510379-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Benzene	ND	0.0250	1	11/03/25	11/03/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/03/25	
Toluene	ND	0.0250	1	11/03/25	11/03/25	
o-Xylene	ND	0.0250	1	11/03/25	11/03/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/03/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2545010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/25	11/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/25	11/03/25	
<i>Surrogate: n-Nonane</i>		97.6 %	61-141	11/03/25	11/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2545003
Chloride	70.4	20.0	1	11/03/25	11/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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**SS41-0'**

**E510379-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Benzene	ND	0.0250	1	11/03/25	11/03/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/03/25	
Toluene	ND	0.0250	1	11/03/25	11/03/25	
o-Xylene	ND	0.0250	1	11/03/25	11/03/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/03/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2545010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/25	11/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/25	11/03/25	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	11/03/25	11/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2545003
Chloride	ND	20.0	1	11/03/25	11/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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SS41-1'

E510379-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Benzene	ND	0.0250	1	11/03/25	11/03/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/03/25	
Toluene	ND	0.0250	1	11/03/25	11/03/25	
o-Xylene	ND	0.0250	1	11/03/25	11/03/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/03/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2545010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/25	11/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/25	11/03/25	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	11/03/25	11/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2545003
Chloride	ND	20.0	1	11/03/25	11/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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SS44-0'

E510379-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Benzene	ND	0.0250	1	11/03/25	11/03/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/03/25	
Toluene	ND	0.0250	1	11/03/25	11/03/25	
o-Xylene	ND	0.0250	1	11/03/25	11/03/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/03/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2545010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/25	11/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/25	11/03/25	
<i>Surrogate: n-Nonane</i>		95.9 %	61-141	11/03/25	11/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2545003
Chloride	ND	20.0	1	11/03/25	11/03/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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SS44-1'

E510379-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Benzene	ND	0.0250	1	11/03/25	11/03/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/03/25	
Toluene	ND	0.0250	1	11/03/25	11/03/25	
o-Xylene	ND	0.0250	1	11/03/25	11/03/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/03/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545002
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	11/03/25	11/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2545010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/25	11/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/25	11/03/25	
<i>Surrogate: n-Nonane</i>		95.0 %	61-141	11/03/25	11/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2545003
Chloride	ND	20.0	1	11/03/25	11/03/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545002-BLK1)**

Prepared: 11/03/25 Analyzed: 11/03/25

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	7.95		8.00		99.4	70-130			

**LCS (2545002-BS1)**

Prepared: 11/03/25 Analyzed: 11/03/25

Benzene	5.67	0.0250	5.00		113	70-130			
Ethylbenzene	5.55	0.0250	5.00		111	70-130			
Toluene	5.68	0.0250	5.00		114	70-130			
o-Xylene	5.61	0.0250	5.00		112	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	17.0	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	70-130			

**Matrix Spike (2545002-MS1)**

Source: E510376-01

Prepared: 11/03/25 Analyzed: 11/03/25

Benzene	5.14	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130			
Toluene	5.15	0.0250	5.00	ND	103	70-130			
o-Xylene	5.09	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			

**Matrix Spike Dup (2545002-MSD1)**

Source: E510376-01

Prepared: 11/03/25 Analyzed: 11/03/25

Benzene	4.53	0.0250	5.00	ND	90.5	70-130	12.6	27	
Ethylbenzene	4.45	0.0250	5.00	ND	89.0	70-130	12.5	26	
Toluene	4.54	0.0250	5.00	ND	90.8	70-130	12.6	20	
o-Xylene	4.49	0.0250	5.00	ND	89.9	70-130	12.5	25	
p,m-Xylene	9.11	0.0500	10.0	ND	91.1	70-130	12.3	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.7	70-130	12.4	26	
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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#### 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 (2545002-BLK1)**

Prepared: 11/03/25 Analyzed: 11/03/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.57		8.00		107	70-130		

**LCS (2545002-BS2)**

Prepared: 11/03/25 Analyzed: 11/03/25

Gasoline Range Organics (C6-C10)	57.7	20.0	50.0		115	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.73		8.00		109	70-130		

**Matrix Spike (2545002-MS2)**

Source: E510376-01

Prepared: 11/03/25 Analyzed: 11/03/25

Gasoline Range Organics (C6-C10)	57.2	20.0	50.0	ND	114	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.53		8.00		107	70-130		

**Matrix Spike Dup (2545002-MSD2)**

Source: E510376-01

Prepared: 11/03/25 Analyzed: 11/03/25

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	6.72	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130		





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545010-BLK1)**

Prepared: 11/03/25 Analyzed: 11/03/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	61-141			

**LCS (2545010-BS1)**

Prepared: 11/03/25 Analyzed: 11/03/25

Diesel Range Organics (C10-C28)	256	25.0	250		103	66-144			
Surrogate: <i>n</i> -Nonane	48.7		50.0		97.3	61-141			

**Matrix Spike (2545010-MS1)**

Source: E510379-04

Prepared: 11/03/25 Analyzed: 11/03/25

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.6	61-141			

**Matrix Spike Dup (2545010-MSD1)**

Source: E510379-04

Prepared: 11/03/25 Analyzed: 11/03/25

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	4.36	20	
Surrogate: <i>n</i> -Nonane	47.9		50.0		95.8	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/5/2025 4:53:00PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545003-BLK1)**

Prepared: 11/03/25 Analyzed: 11/03/25

Chloride ND 20.0

**LCS (2545003-BS1)**

Prepared: 11/03/25 Analyzed: 11/03/25

Chloride 260 20.0 250 104 90-110

**Matrix Spike (2545003-MS1)**

Source: E510376-03

Prepared: 11/03/25 Analyzed: 11/03/25

Chloride 266 20.0 250 ND 106 80-120

**Matrix Spike Dup (2545003-MSD1)**

Source: E510376-03

Prepared: 11/03/25 Analyzed: 11/03/25

Chloride 266 20.0 250 ND 107 80-120 0.0856 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/05/25 16:53
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E510379		23008-0007					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				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1118	10/24/25	Soil	1	SS27-0'		1								+		1.2			
1131				27-1'		2								+		1.3			
1311				41-0'		3								+		1.5			
1312				41-1'		4								+		4.3			
1055				44-0'		5								+		3.2			
1056				44-1'		6								+		2.8			

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle <i>and Eric Plugge</i>						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: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Jenna Hinkle</i>	10/30/25	7:00	<i>Michelle Gonzalez</i>	10-30-25	0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzalez</i>	10-30-25	1445	<i>Nathan Gonzalez</i>	10-30-25	1445	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Nathan Gonzalez</i>	10-30-25	1907	<i>Karla Schimp</i>	10/30/25	1907	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Karla Schimp</i>	10/30/25	2338	<i>Nee Sato</i>	11-3-25	0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 11/3/2025 11:01:05AM

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: 11/03/25 07:00 Work Order ID: E510379
Phone: (972) 371-5200 Date Logged In: 10/30/25 16:01 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 11/06/25 17:00 (3 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E510398

Job Number: 23003-0002

Received: 11/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/7/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 11/7/25

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E510398  
Date Received: 11/3/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2025 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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Chain of Custody etc.

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/07/25 12:17
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS34-0'	E510398-01A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS34-1'	E510398-02A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS35-0'	E510398-03A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS35-1'	E510398-04A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS36-0'	E510398-05A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS36-1'	E510398-06A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS37-0'	E510398-07A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS37-1'	E510398-08A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS38-0'	E510398-09A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS38-1'	E510398-10A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS39-0'	E510398-11A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS39-1'	E510398-12A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS40-0'	E510398-13A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.
SS40-1'	E510398-14A	Soil	10/30/25	11/03/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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**SS34-0'**

**E510398-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		90.6 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	170	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS34-1'

E510398-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		88.4 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	85.6	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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**SS35-0'**

**E510398-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		90.7 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	389	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS35-1'

E510398-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.7 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		91.0 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	92.9	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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**SS36-0'**

**E510398-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		92.0 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	365	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS36-1'

E510398-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		88.9 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	254	20.0	1	11/05/25	11/05/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS37-0'

E510398-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.7 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	302	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS37-1'

E510398-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>						
		98.7 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	ND	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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**SS38-0'**

**E510398-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		84.6 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	157	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS38-1'

E510398-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		86.4 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	ND	20.0	1	11/05/25	11/05/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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**SS39-0'**

**E510398-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		89.9 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	98.8	20.0	1	11/05/25	11/06/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS39-1'

E510398-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/04/25	
<i>Surrogate: n-Nonane</i>		86.6 %	61-141	11/04/25	11/04/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	ND	20.0	1	11/05/25	11/06/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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**SS40-0'**

**E510398-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/05/25	
<i>Surrogate: n-Nonane</i>		90.7 %	61-141	11/04/25	11/05/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	233	20.0	1	11/05/25	11/06/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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SS40-1'

E510398-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Benzene	ND	0.0250	1	11/03/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/03/25	11/04/25	
Toluene	ND	0.0250	1	11/03/25	11/04/25	
o-Xylene	ND	0.0250	1	11/03/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/03/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/03/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2545009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	11/03/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/05/25	
<i>Surrogate: n-Nonane</i>		89.8 %	61-141	11/04/25	11/05/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2545089
Chloride	163	20.0	1	11/05/25	11/06/25	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545009-BLK1)**

Prepared: 11/03/25 Analyzed: 11/04/25

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	7.91		8.00		98.9	70-130			

**LCS (2545009-BS1)**

Prepared: 11/03/25 Analyzed: 11/04/25

Benzene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	5.05	0.0250	5.00		101	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130			

**Matrix Spike (2545009-MS1)**

Source: E510398-05

Prepared: 11/03/25 Analyzed: 11/04/25

Benzene	4.89	0.0250	5.00	ND	97.8	70-130			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	70-130			
Toluene	4.99	0.0250	5.00	ND	99.8	70-130			
o-Xylene	4.99	0.0250	5.00	ND	99.8	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			

**Matrix Spike Dup (2545009-MSD1)**

Source: E510398-05

Prepared: 11/03/25 Analyzed: 11/04/25

Benzene	5.34	0.0250	5.00	ND	107	70-130	8.81	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	8.62	26	
Toluene	5.45	0.0250	5.00	ND	109	70-130	8.74	20	
o-Xylene	5.45	0.0250	5.00	ND	109	70-130	8.78	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	8.27	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	8.44	26	
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545009-BLK1)**

Prepared: 11/03/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		89.9	70-130			

**LCS (2545009-BS2)**

Prepared: 11/03/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	59.0	20.0	50.0		118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			

**Matrix Spike (2545009-MS2)**

Source: E510398-05

Prepared: 11/03/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	61.0	20.0	50.0	ND	122	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

**Matrix Spike Dup (2545009-MSD2)**

Source: E510398-05

Prepared: 11/03/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	59.8	20.0	50.0	ND	120	70-130	1.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545045-BLK1)**

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.5		50.0		91.0	61-141			

**LCS (2545045-BS1)**

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: <i>n</i> -Nonane	43.8		50.0		87.7	61-141			

**Matrix Spike (2545045-MS1)**

Source: E510398-03

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	56-156			
Surrogate: <i>n</i> -Nonane	43.1		50.0		86.1	61-141			

**Matrix Spike Dup (2545045-MSD1)**

Source: E510398-03

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	56-156	1.26	20	
Surrogate: <i>n</i> -Nonane	44.6		50.0		89.1	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/7/2025 12:17:20PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545089-BLK1)**

Prepared: 11/05/25 Analyzed: 11/05/25

Chloride	ND	20.0							
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**LCS (2545089-BS1)**

Prepared: 11/05/25 Analyzed: 11/05/25

Chloride	252	20.0	250		101	90-110			
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**Matrix Spike (2545089-MS1)**

Source: E510396-03

Prepared: 11/05/25 Analyzed: 11/05/25

Chloride	549	200	250	295	102	80-120			
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**Matrix Spike Dup (2545089-MSD1)**

Source: E510396-03

Prepared: 11/05/25 Analyzed: 11/05/25

Chloride	545	200	250	295	100	80-120	0.673	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/07/25 12:17
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				EE10398		23603-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information										Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCFQ 1005-TX	RCRA 8 Metals	86DOC-NM	86DOC-TX	SDWA	CWA	RCRA				
																Compliance	Y	or	N			
																PWSID #						
																Sample Temp			Remarks			
1311	10/30/2025	Soil	1	SS34-0'		1														3.9		
1337				34-1'		2															3.4	
0828				35-0'		3															2.2	
1041				35-1'		4															2.1	
0952				36-0'		5															2.3	
1105				36-1'		6															1.0	
0933				37-0'		7															1.8	
1049				37-1'		8															1.3	
0836				38-0'		9															1.3	
1054				38-1'		10															1.7	

**Additional Instructions:** Please CC: cburton@ensolum.com, agioveno@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle						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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jenna Hinkle</i>	10/31/2025	7:00	<i>Michelle Gonzalez</i>	10/31/25	0700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Nathan Gonzalez</i>	11/01/25	1000	<i>Nathan Gonzalez</i>	11/01/25	1000						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	11/01/25	1300	<i>[Signature]</i>	11-1-25	1300						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	11-1-25	19:15	<i>Noe Sob</i>	11-3-25	0700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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.

<b>Client Information</b>		<b>Invoice Information</b>		<b>Lab Use Only</b>		<b>TAT</b>		<b>State</b>					
Client: Matador Production Company		Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond		Address: 3122 National Parks Hwy		E510398	23005-0002				x	x			
Project Manager: Ashley Giovengo		City, State, Zip: Carlsbad NM, 88220		Phone: 575-988-0055									
Address: 3122 National Parks Hwy		Email: agiovengo@ensolum.com		Miscellaneous:									
City, State, Zip: Carlsbad NM, 88220													
Phone: 575-988-0055													
Email: agiovengo@ensolum.com													

Sample Information							Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BELOC - NM	BELOC - TX	SDWA	CWA	RCRA	
0837	10/31/25	Soil	1	SS39-0'		11								x					
1101	↓	↓	↓	39-1'		12								x					
1313	↓	↓	↓	40-0'		13								x					
1345	↓	↓	↓	40-1'		14								x					

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, lhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle						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.  <b>Lab Use Only</b> Received on ice: O/N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Jenna Hinkle	10/31/2025	7:00	Michelle Gonzales	10/31/25	0700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	11/01/25	1000	Nathan Gonzales	11/01/25	1000						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Nathan Gonzales	11/01/25	1300	[Signature]	11-1-25	1300						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
[Signature]	11-1-25	19:15	Noe [Signature]	11-3-25	0700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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: 11/3/2025 10:21:05AM

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: 11/03/25 07:00 Work Order ID: E510398
Phone: (972) 371-5200 Date Logged In: 10/31/25 15:21 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 11/07/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E511003

Job Number: 23003-0002

Received: 11/4/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/10/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 11/10/25

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E511003  
Date Received: 11/4/2025 7:30:53AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2025 7:30:53AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/25 08:23
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS42-0'	E511003-01A	Soil	10/31/25	11/04/25	Glass Jar, 2 oz.
SS42-1'	E511003-02A	Soil	10/31/25	11/04/25	Glass Jar, 2 oz.
SS43-0'	E511003-03A	Soil	10/31/25	11/04/25	Glass Jar, 2 oz.
SS43-1'	E511003-04A	Soil	10/31/25	11/04/25	Glass Jar, 2 oz.



## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 11/10/2025 8:23:25AM
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**SS42-0'**

**E511003-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2545041
Benzene	ND	0.0250	1	11/04/25	11/05/25	
Ethylbenzene	ND	0.0250	1	11/04/25	11/05/25	
Toluene	ND	0.0250	1	11/04/25	11/05/25	
o-Xylene	ND	0.0250	1	11/04/25	11/05/25	
p,m-Xylene	ND	0.0500	1	11/04/25	11/05/25	
Total Xylenes	ND	0.0250	1	11/04/25	11/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	11/04/25	11/05/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2545041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/25	11/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	11/04/25	11/05/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/05/25	
<i>Surrogate: n-Nonane</i>						
		88.3 %	61-141	11/04/25	11/05/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2545123
Chloride	ND	20.0	1	11/06/25	11/06/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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SS42-1'

E511003-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2545041
Benzene	ND	0.0250	1	11/04/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/04/25	11/04/25	
Toluene	ND	0.0250	1	11/04/25	11/04/25	
o-Xylene	ND	0.0250	1	11/04/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/04/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/04/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		129 %	70-130	11/04/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2545041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.9 %	70-130	11/04/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/05/25	
<i>Surrogate: n-Nonane</i>		94.2 %	61-141	11/04/25	11/05/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2545123
Chloride	ND	20.0	1	11/06/25	11/07/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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SS43-0'

E511003-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2545041
Benzene	ND	0.0250	1	11/04/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/04/25	11/04/25	
Toluene	ND	0.0250	1	11/04/25	11/04/25	
o-Xylene	ND	0.0250	1	11/04/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/04/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/04/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		125 %	70-130	11/04/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2545041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.3 %	70-130	11/04/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/05/25	
<i>Surrogate: n-Nonane</i>						
		89.7 %	61-141	11/04/25	11/05/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2545123
Chloride	ND	20.0	1	11/06/25	11/06/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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SS43-1'

E511003-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2545041
Benzene	ND	0.0250	1	11/04/25	11/04/25	
Ethylbenzene	ND	0.0250	1	11/04/25	11/04/25	
Toluene	ND	0.0250	1	11/04/25	11/04/25	
o-Xylene	ND	0.0250	1	11/04/25	11/04/25	
p,m-Xylene	ND	0.0500	1	11/04/25	11/04/25	
Total Xylenes	ND	0.0250	1	11/04/25	11/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	11/04/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2545041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/25	11/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.2 %	70-130	11/04/25	11/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2545045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/25	11/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/25	11/05/25	
<i>Surrogate: n-Nonane</i>						
		99.2 %	61-141	11/04/25	11/05/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2545123
Chloride	ND	20.0	1	11/06/25	11/07/25	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545041-BLK1)**

Prepared: 11/04/25 Analyzed: 11/04/25

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	10.2		8.00		128	70-130			

**LCS (2545041-BS1)**

Prepared: 11/04/25 Analyzed: 11/04/25

Benzene	4.00	0.0250	5.00		79.9	70-130			
Ethylbenzene	4.09	0.0250	5.00		81.9	70-130			
Toluene	4.08	0.0250	5.00		81.6	70-130			
o-Xylene	4.25	0.0250	5.00		85.1	70-130			
p,m-Xylene	8.41	0.0500	10.0		84.1	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	10.3		8.00		128	70-130			

**Matrix Spike (2545041-MS1)**

Source: E511001-22

Prepared: 11/04/25 Analyzed: 11/04/25

Benzene	4.38	0.0250	5.00	ND	87.5	70-130			
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	70-130			
Toluene	4.46	0.0250	5.00	ND	89.2	70-130			
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130			
p,m-Xylene	9.17	0.0500	10.0	ND	91.7	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.63		8.00		120	70-130			

**Matrix Spike Dup (2545041-MSD1)**

Source: E511001-22

Prepared: 11/04/25 Analyzed: 11/04/25

Benzene	4.09	0.0250	5.00	ND	81.8	70-130	6.82	27	
Ethylbenzene	4.21	0.0250	5.00	ND	84.3	70-130	6.12	26	
Toluene	4.18	0.0250	5.00	ND	83.7	70-130	6.40	20	
o-Xylene	4.33	0.0250	5.00	ND	86.6	70-130	5.00	25	
p,m-Xylene	8.66	0.0500	10.0	ND	86.6	70-130	5.80	23	
Total Xylenes	13.0	0.0250	15.0	ND	86.6	70-130	5.53	26	
Surrogate: 4-Bromochlorobenzene-PID	10.2		8.00		128	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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#### 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 (2545041-BLK1)**

Prepared: 11/04/25 Analyzed: 11/04/25

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

**LCS (2545041-BS2)**

Prepared: 11/04/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	58.0	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

**Matrix Spike (2545041-MS2)**

Source: E511001-22

Prepared: 11/04/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

**Matrix Spike Dup (2545041-MSD2)**

Source: E511001-22

Prepared: 11/04/25 Analyzed: 11/04/25

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130	5.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545045-BLK1)**

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.5		50.0		91.0	61-141			

**LCS (2545045-BS1)**

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: <i>n</i> -Nonane	43.8		50.0		87.7	61-141			

**Matrix Spike (2545045-MS1)**

Source: E510398-03

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	56-156			
Surrogate: <i>n</i> -Nonane	43.1		50.0		86.1	61-141			

**Matrix Spike Dup (2545045-MSD1)**

Source: E510398-03

Prepared: 11/04/25 Analyzed: 11/04/25

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	56-156	1.26	20	
Surrogate: <i>n</i> -Nonane	44.6		50.0		89.1	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/2025 8:23:25AM
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#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2545123-BLK1)**

Prepared: 11/06/25 Analyzed: 11/06/25

Chloride ND 20.0

**LCS (2545123-BS1)**

Prepared: 11/06/25 Analyzed: 11/06/25

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2545123-MS1)**

Source: E511003-03

Prepared: 11/06/25 Analyzed: 11/06/25

Chloride 253 20.0 250 ND 101 80-120

**Matrix Spike Dup (2545123-MSD1)**

Source: E511003-03

Prepared: 11/06/25 Analyzed: 11/06/25

Chloride 253 20.0 250 ND 101 80-120 0.103 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/10/25 08:23
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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.





Envirotech Analytical Laboratory

Printed: 11/4/2025 9:11:46AM

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 Resources, LLC. Date Received: 11/04/25 07:30 Work Order ID: E511003
Phone: (972) 371-5200 Date Logged In: 11/03/25 15:27 Logged In By: Noe Soto
Email: agiovengo@ensolum.com Due Date: 11/10/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E511172

Job Number: 23003-0002

Received: 11/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/19/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 11/19/25



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

Project Name: Desoto Springs Recycling Pond  
Workorder: E511172  
Date Received: 11/13/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/13/2025 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/25 10:16
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS26-0'	E511172-01A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS26-1'	E511172-02A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS28-0'	E511172-03A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS28-1'	E511172-04A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS29-0'	E511172-05A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS29-1'	E511172-06A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS30-0'	E511172-07A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS30-1'	E511172-08A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS32-0'	E511172-09A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS32-1'	E511172-10A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS33-0'	E511172-11A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.
SS33-1'	E511172-12A	Soil	11/11/25	11/13/25	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS26-0'**

**E511172-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	191	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	142	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		90.8 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	679	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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SS26-1'

E511172-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2546128	
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		117 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2546128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2546142	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2546137	
Chloride	749	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS28-0'**

**E511172-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	283	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	295	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>						
		90.2 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	775	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS28-1'**

**E511172-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	85.4	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	65.9	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		89.3 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	1220	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS29-0'**

**E511172-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	<b>252</b>	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	<b>181</b>	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		86.1 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	<b>1690</b>	20.0	1	11/13/25	11/13/25	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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SS29-1'

E511172-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		117 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	48.4	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		90.5 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	1590	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS30-0'**

**E511172-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		119 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		91.8 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	832	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS30-1'**

**E511172-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		119 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		90.2 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	210	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS32-0'**

**E511172-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/18/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/18/25	
Toluene	ND	0.0250	1	11/13/25	11/18/25	
o-Xylene	ND	0.0250	1	11/13/25	11/18/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/18/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	11/13/25	11/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	11/13/25	11/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	<b>109</b>	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	<b>62.8</b>	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>						
		90.2 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	<b>6730</b>	100	5	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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SS32-1'

E511172-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		122 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2546128
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2546142
Diesel Range Organics (C10-C28)	245	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	167	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		89.5 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2546137
Chloride	1910	40.0	2	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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**SS33-0'**

**E511172-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2546128	
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		118 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2546128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2546142	
Diesel Range Organics (C10-C28)	48.2	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		90.5 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2546137	
Chloride	910	20.0	1	11/13/25	11/13/25	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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SS33-1'

E511172-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2546128	
Benzene	ND	0.0250	1	11/13/25	11/16/25	
Ethylbenzene	ND	0.0250	1	11/13/25	11/16/25	
Toluene	ND	0.0250	1	11/13/25	11/16/25	
o-Xylene	ND	0.0250	1	11/13/25	11/16/25	
p,m-Xylene	ND	0.0500	1	11/13/25	11/16/25	
Total Xylenes	ND	0.0250	1	11/13/25	11/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		118 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2546128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/25	11/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	11/13/25	11/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2546142	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/25	11/17/25	
<i>Surrogate: n-Nonane</i>		89.8 %	61-141	11/14/25	11/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2546137	
Chloride	1000	20.0	1	11/13/25	11/13/25	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2546128-BLK1)**

Prepared: 11/13/25 Analyzed: 11/16/25

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	9.29		8.00		116	70-130			

**LCS (2546128-BS1)**

Prepared: 11/13/25 Analyzed: 11/16/25

Benzene	4.54	0.0250	5.00		90.7	70-130			
Ethylbenzene	4.38	0.0250	5.00		87.6	70-130			
Toluene	4.46	0.0250	5.00		89.2	70-130			
o-Xylene	4.50	0.0250	5.00		90.1	70-130			
p,m-Xylene	8.96	0.0500	10.0		89.6	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.17		8.00		115	70-130			

**Matrix Spike (2546128-MS1)**

Source: E511172-04

Prepared: 11/13/25 Analyzed: 11/16/25

Benzene	4.75	0.0250	5.00	ND	95.0	70-130			
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	70-130			
Toluene	4.67	0.0250	5.00	ND	93.4	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.3	70-130			
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.24		8.00		116	70-130			

**Matrix Spike Dup (2546128-MSD1)**

Source: E511172-04

Prepared: 11/13/25 Analyzed: 11/16/25

Benzene	4.69	0.0250	5.00	ND	93.7	70-130	1.35	27	
Ethylbenzene	4.53	0.0250	5.00	ND	90.7	70-130	1.19	26	
Toluene	4.60	0.0250	5.00	ND	92.0	70-130	1.42	20	
o-Xylene	4.65	0.0250	5.00	ND	93.1	70-130	1.29	25	
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	70-130	1.09	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.8	70-130	1.16	26	
Surrogate: 4-Bromochlorobenzene-PID	9.23		8.00		115	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2546128-BLK1)**

Prepared: 11/13/25 Analyzed: 11/16/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

**LCS (2546128-BS2)**

Prepared: 11/13/25 Analyzed: 11/16/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

**Matrix Spike (2546128-MS2)**

Source: E511172-04

Prepared: 11/13/25 Analyzed: 11/16/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

**Matrix Spike Dup (2546128-MSD2)**

Source: E511172-04

Prepared: 11/13/25 Analyzed: 11/16/25

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.1	70-130	0.219	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2546142-BLK1)**

Prepared: 11/14/25 Analyzed: 11/17/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.1		50.0		92.3	61-141			

**LCS (2546142-BS1)**

Prepared: 11/14/25 Analyzed: 11/17/25

Diesel Range Organics (C10-C28)	242	25.0	250		96.8	66-144			
Surrogate: <i>n</i> -Nonane	45.1		50.0		90.2	61-141			

**Matrix Spike (2546142-MS1)**

Source: E511172-12

Prepared: 11/14/25 Analyzed: 11/17/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156			
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.2	61-141			

**Matrix Spike Dup (2546142-MSD1)**

Source: E511172-12

Prepared: 11/14/25 Analyzed: 11/17/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.8	56-156	0.384	20	
Surrogate: <i>n</i> -Nonane	44.3		50.0		88.7	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/2025 10:16:54AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2546137-BLK1)**

Prepared: 11/13/25 Analyzed: 11/13/25

Chloride	ND	20.0							
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**LCS (2546137-BS1)**

Prepared: 11/13/25 Analyzed: 11/13/25

Chloride	252	20.0	250		101	90-110			
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**Matrix Spike (2546137-MS1)**

Source: E511172-05

Prepared: 11/13/25 Analyzed: 11/13/25

Chloride	2060	20.0	250	1690	146	80-120			M4
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**Matrix Spike Dup (2546137-MSD1)**

Source: E511172-05

Prepared: 11/13/25 Analyzed: 11/13/25

Chloride	2130	20.0	250	1690	175	80-120	3.45	20	M4
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 11/19/25 10:16
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E51172		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																			
<b>Sample Information</b>																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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		
0924	11/12/2025	Soil	1	SS 26 - 0'		1								X		1.9			
0936				SS 26 - 1'		2								X		1.6			
0926				SS 28 - 0'		3								X		2.1			
0941				SS 28 - 1'		4								X		1.4			
0925				SS 29 - 0'		5								X		2.4			
0939				SS 29 - 1'		6								X		2.1			
0927				SS 30 - 0'		7								X		1.7			
0950				SS 30 - 1'		8								X		2.4			
0929				SS 32 - 0'		9								X		2.4			
0956				SS 32 - 1'		10								X		1.9			
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, lhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle																			
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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
<i>Jenna Hinkle</i>				11/12/2025	7:00	<i>Marissa Gonzales</i>				11-12-25	0700								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
<i>Marissa Gonzales</i>				11-12-25	1530	<i>Nathan Gonzalez</i>				11-12-25	1530								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
<i>Nathan Gonzalez</i>				11-12-25	1930	<i>Jenna Hinkle</i>				11-12-25	1930								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
<i>Jenna Hinkle</i>				11-12-25	2330	<i>Caitlin Mar</i>				11-13-25	800								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
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.																			

<b>Client Information</b>			<b>Invoice Information</b>			<b>Lab Use Only</b>				<b>TAT</b>			<b>State</b>				
Client: Matador Production Company			Company: Ensolum LLC			Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond			Address: 3122 National Parks Hwy			E511172		2308007					X	X			
Project Manager: Ashley Gioveno			City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy			Phone: 575-988-0055														
City, State, Zip: Carlsbad NM, 88220			Email: agioveno@ensolum.com														
Phone: 575-988-0055			Miscellaneous:														
Email: agioveno@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 1008 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA				
																Compliance	Y	or	N			
																PWSID #						
092A	11/14/2025	Soil	1	SS33-0'		11								X								
0953	11/11/2025	Soil	1	SS33-1'		12								X								

**Additional Instructions:** Please CC: cburton@ensolum.com, agioveno@ensolum.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, lgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle

Relinquished by: (Signature) <i>Jenna Hinkle</i>	Date 11/12/2025	Time 7:00	Received by: (Signature) <i>Marissa Gonzales</i>	Date 11-12-25	Time 0700	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.
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 11-12-25	Time 1530	Received by: (Signature) <i>Nathan Gonzales</i>	Date 11-12-25	Time 1530	
Relinquished by: (Signature) <i>Nathan Gonzales</i>	Date 11-12-25	Time 1930	Received by: (Signature) <i>[Signature]</i>	Date 11-12-25	Time 1930	
Relinquished by: (Signature) <i>[Signature]</i>	Date 11-12-25	Time 2330	Received by: (Signature) <i>Caitlin Mar</i>	Date 11-13-25	Time 800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 11/13/2025 10:22:01AM

#### 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: 11/13/25 08:00	Work Order ID: E511172
Phone: (972) 371-5200	Date Logged In: 11/12/25 16:52	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 11/19/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Matador Production Company

Project Name: Desoto Springs Recycling Pond

Work Order: E603270

Job Number: 23003-0002

Received: 3/23/2026

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
3/23/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 3/23/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E603270  
Date Received: 3/23/2026 5:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/23/2026 5:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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

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SS45-0'	5
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### Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 03/23/26 12:28
--	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS45-0'	E603270-01A	Soil	03/20/26	03/23/26	Glass Jar, 2 oz.



### Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 3/23/2026 12:28:43PM
--	---	--

**SS45-0'**

**E603270-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2613002
Benzene	ND	0.0250	1	03/23/26	03/23/26	
Ethylbenzene	ND	0.0250	1	03/23/26	03/23/26	
Toluene	ND	0.0250	1	03/23/26	03/23/26	
o-Xylene	ND	0.0250	1	03/23/26	03/23/26	
p,m-Xylene	ND	0.0500	1	03/23/26	03/23/26	
Total Xylenes	ND	0.0250	1	03/23/26	03/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.8 %	70-130	03/23/26	03/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2613002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/26	03/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.3 %	70-130	03/23/26	03/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2613001
Diesel Range Organics (C10-C28)	ND	25.0	1	03/23/26	03/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/23/26	03/23/26	
<i>Surrogate: n-Nonane</i>						
		119 %	61-141	03/23/26	03/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2613009
Chloride	52.1	20.0	1	03/23/26	03/23/26	



## Definitions and Notes

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 03/23/26 12:28
--	---	------------------------------------

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.



Client Information				Invoice Information				Lab Use Only				TAT			State											
Client: <u>Mafatev</u>				Company: <u>Ensochem LLC</u>				Lab WO# <u>E603270</u>		Job Number <u>23003-0002</u>		1D	2D	3D	Std	NM	CO	UT	TX							
Project Name: <u>Desoto Springs Recycling Plant</u>				Address:								<input checked="" type="checkbox"/>														
Project Manager: <u>Kyley Grovenyo</u>				City, State, Zip:																						
Address: <u>3122 National Parks Hwy</u>				Phone:																						
City, State, Zip: <u>Carlsbad NM 88202</u>				Email:																						
Phone: <u>575-988-0655</u>				Miscellaneous:																						
Email: <u>kgrovenyo@ensochem.com</u>																										
Sample Information										Analysis and Method						EPA Program										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #	Sample Temp	Remarks	
1419	3/20/26	soil	1	SS45-01		1																				S.2
Additional Instructions:																										
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:																										
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.														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only		Received on ice: <u>O/N</u>												
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: 3/23/2026 9:13:03AM

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: 03/23/26 05:30	Work Order ID: E603270
Phone: (972) 371-5200	Date Logged In: 03/23/26 05:37	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 03/23/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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**

Sampled by not provided on COC.  
L-NS  
R-SL

**Client Instruction**

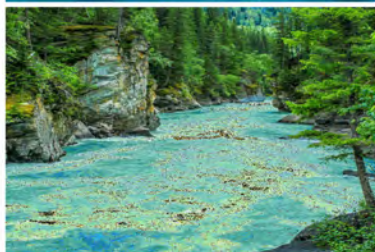
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601032

Job Number: 23003-0002

Received: 1/8/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/13/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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





Date Reported: 1/13/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601032  
Date Received: 1/8/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/8/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/13/26 16:59
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS64-0.5'	E601032-01A	Soil	01/06/26	01/08/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 4:59:03PM
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**FS64-0.5'**

**E601032-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2602092
Benzene	ND	0.0250	1	01/08/26	01/08/26	
Ethylbenzene	ND	0.0250	1	01/08/26	01/08/26	
Toluene	ND	0.0250	1	01/08/26	01/08/26	
o-Xylene	ND	0.0250	1	01/08/26	01/08/26	
p,m-Xylene	ND	0.0500	1	01/08/26	01/08/26	
Total Xylenes	ND	0.0250	1	01/08/26	01/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.4 %	70-130	01/08/26	01/08/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2602092
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/08/26	01/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	01/08/26	01/08/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603001
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/26	01/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/26	01/12/26	
<i>Surrogate: n-Nonane</i>						
		96.7 %	61-141	01/12/26	01/12/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2602093
Chloride	<b>253</b>	20.0	1	01/08/26	01/08/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 4:59:03PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2602092-BLK1)

Prepared: 01/08/26 Analyzed: 01/08/26

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	7.74		8.00		96.8	70-130			

#### LCS (2602092-BS1)

Prepared: 01/08/26 Analyzed: 01/08/26

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.64	0.0250	5.00		92.8	70-130			
p,m-Xylene	9.26	0.0500	10.0		92.6	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

#### Matrix Spike (2602092-MS1)

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Benzene	4.99	0.0250	5.00	ND	99.9	70-130			
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	70-130			
Toluene	4.89	0.0250	5.00	ND	97.8	70-130			
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130			
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

#### Matrix Spike Dup (2602092-MSD1)

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Benzene	5.37	0.0250	5.00	ND	107	70-130	7.34	27	
Ethylbenzene	5.08	0.0250	5.00	ND	102	70-130	7.26	26	
Toluene	5.26	0.0250	5.00	ND	105	70-130	7.37	20	
o-Xylene	5.20	0.0250	5.00	ND	104	70-130	7.37	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	7.20	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	7.26	26	
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 4:59:03PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2602092-BLK1)**

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			

**LCS (2602092-BS2)**

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.8	70-130			

**Matrix Spike (2602092-MS2)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

**Matrix Spike Dup (2602092-MSD2)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	0.659	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 4:59:03PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603001-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.8		50.0		95.5	61-141			

**LCS (2603001-BS1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.3	61-141			

**Matrix Spike (2603001-MS1)**

Source: E601028-01

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	56-156			
Surrogate: <i>n</i> -Nonane	47.5		50.0		94.9	61-141			

**Matrix Spike Dup (2603001-MSD1)**

Source: E601028-01

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	0.115	20	
Surrogate: <i>n</i> -Nonane	47.4		50.0		94.8	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 4:59:03PM
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#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2602093-BLK1)**

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride ND 20.0

**LCS (2602093-BS1)**

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2602093-MS1)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride 314 20.0 250 63.5 100 80-120

**Matrix Spike Dup (2602093-MSD1)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride 315 20.0 250 63.5 101 80-120 0.590 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/13/26 16:59
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E 1001032		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										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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			
1455	1/06/2026	Soil	1	FS 64-0.5'		1															
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle																					
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													
Jenna Hinkle		1-7-26	7:11	Michelle Gonzales		1-7-26	0711														
Michelle Gonzales		1-7-26	1415	Marissa Gonzales		1-7-26	1415														
Marissa Gonzales		1-7-26	1815	John Cut		1-7-26	1815														
John Cut		1-7-26	2152	Chris Man		1-8-26	800														
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: 1/8/2026 10:03:17AM

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: 01/08/26 08:00	Work Order ID: E601032
Phone: (972) 371-5200	Date Logged In: 01/07/26 14:57	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/14/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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**

**Comments/Resolution**

L-CM  
R-DT

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601033

Job Number: 23003-0002

Received: 1/8/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/13/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/13/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601033  
Date Received: 1/8/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/8/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/13/26 17:00
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS65-0.5'	E601033-01A	Soil	01/06/26	01/08/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 5:00:30PM
---	---	---

**FS65-0.5'**

**E601033-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2602092
Benzene	ND	0.0250	1	01/08/26	01/08/26	
Ethylbenzene	ND	0.0250	1	01/08/26	01/08/26	
Toluene	ND	0.0250	1	01/08/26	01/08/26	
o-Xylene	ND	0.0250	1	01/08/26	01/08/26	
p,m-Xylene	ND	0.0500	1	01/08/26	01/08/26	
Total Xylenes	ND	0.0250	1	01/08/26	01/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %	70-130	01/08/26	01/08/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2602092
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/08/26	01/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	01/08/26	01/08/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603001
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/26	01/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/26	01/12/26	
<i>Surrogate: n-Nonane</i>		94.5 %	61-141	01/12/26	01/12/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2602093
Chloride	261	20.0	1	01/08/26	01/08/26	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 5:00:30PM
---	---	---

#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2602092-BLK1)

Prepared: 01/08/26 Analyzed: 01/08/26

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	7.74		8.00		96.8	70-130			

#### LCS (2602092-BS1)

Prepared: 01/08/26 Analyzed: 01/08/26

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.64	0.0250	5.00		92.8	70-130			
p,m-Xylene	9.26	0.0500	10.0		92.6	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

#### Matrix Spike (2602092-MS1)

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Benzene	4.99	0.0250	5.00	ND	99.9	70-130			
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	70-130			
Toluene	4.89	0.0250	5.00	ND	97.8	70-130			
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130			
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

#### Matrix Spike Dup (2602092-MSD1)

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Benzene	5.37	0.0250	5.00	ND	107	70-130	7.34	27	
Ethylbenzene	5.08	0.0250	5.00	ND	102	70-130	7.26	26	
Toluene	5.26	0.0250	5.00	ND	105	70-130	7.37	20	
o-Xylene	5.20	0.0250	5.00	ND	104	70-130	7.37	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	7.20	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	7.26	26	
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 5:00:30PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2602092-BLK1)**

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			

**LCS (2602092-BS2)**

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.8	70-130			

**Matrix Spike (2602092-MS2)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

**Matrix Spike Dup (2602092-MSD2)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	0.659	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 5:00:30PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603001-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.8		50.0		95.5	61-141			

**LCS (2603001-BS1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	45.6		50.0		91.3	61-141			

**Matrix Spike (2603001-MS1)**

Source: E601028-01

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	47.5		50.0		94.9	61-141			

**Matrix Spike Dup (2603001-MSD1)**

Source: E601028-01

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	0.115	20	
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/13/2026 5:00:30PM
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#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2602093-BLK1)**

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride	ND	20.0							
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**LCS (2602093-BS1)**

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride	252	20.0	250		101	90-110			
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**Matrix Spike (2602093-MS1)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride	314	20.0	250	63.5	100	80-120			
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**Matrix Spike Dup (2602093-MSD1)**

Source: E601031-02

Prepared: 01/08/26 Analyzed: 01/08/26

Chloride	315	20.0	250	63.5	101	80-120	0.590	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/13/26 17:00
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001033		23003-000Z					X	X					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: 575-988-0055												EPA Program					
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com												SDWA	CWA	RCRA			
Phone: 575-988-0055				Miscellaneous:												Compliance	Y	or	N		
Email: agiovengo@ensolum.com																PWSID #					
Sample Information										Analysis and Method				EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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				
1456	1/06/2026	Soil	1	FS65-0.5'		1										1.6					
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle																					
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															
Jenna Hinkle	1-7-26	7:11	Michelle Gonzales	1-7-26	6711																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Michelle Gonzales	1-7-26	1415	Marissa Gonzales	1-7-26	1415																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Marissa Gonzales	1-7-26	1815	Johnny Quetz	1-7-26	1815																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Johnny Quetz	1-7-26	2153	Carla Mar	7.8.26	800																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
						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: 1/8/2026 10:04:52AM

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: 01/08/26 08:00 Work Order ID: E601033
Phone: (972) 371-5200 Date Logged In: 01/07/26 14:59 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/14/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Comments/Resolution

L-CM
R-DT

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601053

Job Number: 23003-0002

Received: 1/12/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/15/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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





Date Reported: 1/15/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601053  
Date Received: 1/12/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/12/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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**Michelle Gonzales**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/15/26 14:29
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS66 - 0.5'	E601053-01A	Soil	01/07/26	01/12/26	Glass Jar, 2 oz.
FS67 - 0.5'	E601053-02A	Soil	01/07/26	01/12/26	Glass Jar, 2 oz.
FS75 - 0.5'	E601053-03A	Soil	01/07/26	01/12/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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**FS66 - 0.5'**

**E601053-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2603013	
Benzene	ND	0.0250	1	01/12/26	01/12/26	
Ethylbenzene	ND	0.0250	1	01/12/26	01/12/26	
Toluene	ND	0.0250	1	01/12/26	01/12/26	
o-Xylene	ND	0.0250	1	01/12/26	01/12/26	
p,m-Xylene	ND	0.0500	1	01/12/26	01/12/26	
Total Xylenes	ND	0.0250	1	01/12/26	01/12/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		122 %	70-130	01/12/26	01/12/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2603013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/26	01/12/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	01/12/26	01/12/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2603016	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/26	01/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/26	01/13/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/12/26	01/13/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2603006	
Chloride	1290	20.0	1	01/12/26	01/12/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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**FS67 - 0.5'**

**E601053-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603013
Benzene	ND	0.0250	1	01/12/26	01/12/26	
Ethylbenzene	ND	0.0250	1	01/12/26	01/12/26	
Toluene	ND	0.0250	1	01/12/26	01/12/26	
o-Xylene	ND	0.0250	1	01/12/26	01/12/26	
p,m-Xylene	ND	0.0500	1	01/12/26	01/12/26	
Total Xylenes	ND	0.0250	1	01/12/26	01/12/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		123 %	70-130	01/12/26	01/12/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603013
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/26	01/12/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	01/12/26	01/12/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/26	01/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/26	01/13/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/12/26	01/13/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603006
Chloride	770	20.0	1	01/12/26	01/12/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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**FS75 - 0.5'**

**E601053-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603013
Benzene	ND	0.0250	1	01/12/26	01/12/26	
Ethylbenzene	ND	0.0250	1	01/12/26	01/12/26	
Toluene	ND	0.0250	1	01/12/26	01/12/26	
o-Xylene	ND	0.0250	1	01/12/26	01/12/26	
p,m-Xylene	ND	0.0500	1	01/12/26	01/12/26	
Total Xylenes	ND	0.0250	1	01/12/26	01/12/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		121 %	70-130	01/12/26	01/12/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603013
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/26	01/12/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	01/12/26	01/12/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603016
Diesel Range Organics (C10-C28)	174	25.0	1	01/12/26	01/13/26	
Oil Range Organics (C28-C36)	233	50.0	1	01/12/26	01/13/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/12/26	01/13/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603006
Chloride	1020	20.0	1	01/12/26	01/12/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603013-BLK1)

Prepared: 01/12/26 Analyzed: 01/12/26

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	9.17		8.00		115	70-130			

#### LCS (2603013-BS1)

Prepared: 01/12/26 Analyzed: 01/12/26

Benzene	4.59	0.0250	5.00		91.7	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.1	70-130			
Toluene	4.65	0.0250	5.00		93.1	70-130			
o-Xylene	4.77	0.0250	5.00		95.5	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.57		8.00		120	70-130			

#### Matrix Spike (2603013-MS1)

Source: E601053-02

Prepared: 01/12/26 Analyzed: 01/12/26

Benzene	4.55	0.0250	5.00	ND	91.0	70-130			
Ethylbenzene	4.62	0.0250	5.00	ND	92.3	70-130			
Toluene	4.61	0.0250	5.00	ND	92.2	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.7	70-130			
p,m-Xylene	9.45	0.0500	10.0	ND	94.5	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.79		8.00		122	70-130			

#### Matrix Spike Dup (2603013-MSD1)

Source: E601053-02

Prepared: 01/12/26 Analyzed: 01/12/26

Benzene	4.38	0.0250	5.00	ND	87.5	70-130	3.91	27	
Ethylbenzene	4.45	0.0250	5.00	ND	88.9	70-130	3.75	26	
Toluene	4.44	0.0250	5.00	ND	88.7	70-130	3.86	20	
o-Xylene	4.57	0.0250	5.00	ND	91.4	70-130	3.58	25	
p,m-Xylene	9.10	0.0500	10.0	ND	91.0	70-130	3.78	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.1	70-130	3.71	26	
Surrogate: 4-Bromochlorobenzene-PID	9.77		8.00		122	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603013-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

**LCS (2603013-BS2)**

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	58.2	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

**Matrix Spike (2603013-MS2)**

Source: E601053-02

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			

**Matrix Spike Dup (2603013-MSD2)**

Source: E601053-02

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	57.1	20.0	50.0	ND	114	70-130	4.46	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603016-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.5		50.0		91.0	61-141			

**LCS (2603016-BS1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	47.6		50.0		95.2	61-141			

**Matrix Spike (2603016-MS1)**

Source: E601052-05

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: <i>n</i> -Nonane	49.9		50.0		99.8	61-141			

**Matrix Spike Dup (2603016-MSD1)**

Source: E601052-05

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	0.204	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:29:48PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603006-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride	ND	20.0							
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**LCS (2603006-BS1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride	264	20.0	250		106	90-110			
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**Matrix Spike (2603006-MS1)**

Source: E601045-03

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride	1550	20.0	250	1260	114	80-120			
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**Matrix Spike Dup (2603006-MSD1)**

Source: E601045-03

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride	1530	20.0	250	1260	107	80-120	1.00	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/15/26 14:29
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601053		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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #				
																Sample Temp			Remarks	
1333	1/7/2026	S	1	FS66 - 0.5'		1								X		4.0				
1335	1/7/2026	S	1	FS67 - 0.5'		2								X		4.7				
1337	1/7/2026	S	1	FS75 - 0.5'		3								X		3.9				

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, igonzalez@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						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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jarad McCauley</i>	1-9-26	9:30	<i>Michelle Gonzales</i>	1-9-26	0930						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	1-10-26	0745	<i>Nathan Gonzalez</i>	1-10-26	0745						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Nathan Gonzalez</i>	1-10-26	1130	<i>Jenny Wright</i>	1-10-26	112330						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jenny Wright</i>	1-10-26	1530	<i>Caitlynn</i>	1-12-26	800						

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: 1/12/2026 11:12:51AM

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: 01/12/26 08:00 Work Order ID: E601053
Phone: (972) 371-5200 Date Logged In: 01/09/26 15:46 Logged In By: Noe Soto
Email: agiovengo@ensolum.com Due Date: 01/16/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Comments/Resolution

L-CM
R-NV

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

[Empty box for client instruction]

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601055

Job Number: 23003-0002

Received: 1/12/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/15/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/15/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601055  
Date Received: 1/12/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/12/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/15/26 14:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 - 0 - 3'	E601055-01A	Soil	01/08/26	01/12/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:51:09PM
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**SW01 - 0 - 3'**

**E601055-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603002
Benzene	ND	0.0250	1	01/12/26	01/13/26	
Ethylbenzene	ND	0.0250	1	01/12/26	01/13/26	
Toluene	ND	0.0250	1	01/12/26	01/13/26	
o-Xylene	ND	0.0250	1	01/12/26	01/13/26	
p,m-Xylene	ND	0.0500	1	01/12/26	01/13/26	
Total Xylenes	ND	0.0250	1	01/12/26	01/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.8 %	70-130	01/12/26	01/13/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603002
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/26	01/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	01/12/26	01/13/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/26	01/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/26	01/13/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	01/12/26	01/13/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603008
Chloride	246	20.0	1	01/12/26	01/12/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:51:09PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603002-BLK1)

Prepared: 01/12/26 Analyzed: 01/12/26

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	7.22		8.00		90.3	70-130			

#### LCS (2603002-BS1)

Prepared: 01/12/26 Analyzed: 01/12/26

Benzene	4.69	0.0250	5.00		93.8	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.65	0.0250	5.00		93.1	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	70-130			

#### Matrix Spike (2603002-MS1)

Source: E601045-03

Prepared: 01/12/26 Analyzed: 01/12/26

Benzene	5.14	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130			
Toluene	5.13	0.0250	5.00	ND	103	70-130			
o-Xylene	5.09	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.8	70-130			

#### Matrix Spike Dup (2603002-MSD1)

Source: E601045-03

Prepared: 01/12/26 Analyzed: 01/12/26

Benzene	5.60	0.0250	5.00	ND	112	70-130	8.61	27	
Ethylbenzene	5.49	0.0250	5.00	ND	110	70-130	8.61	26	
Toluene	5.59	0.0250	5.00	ND	112	70-130	8.64	20	
o-Xylene	5.55	0.0250	5.00	ND	111	70-130	8.63	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	8.52	23	
Total Xylenes	16.7	0.0250	15.0	ND	112	70-130	8.56	26	
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:51:09PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603002-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			

**LCS (2603002-BS2)**

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

**Matrix Spike (2603002-MS2)**

Source: E601045-03

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			

**Matrix Spike Dup (2603002-MSD2)**

Source: E601045-03

Prepared: 01/12/26 Analyzed: 01/12/26

Gasoline Range Organics (C6-C10)	56.6	20.0	50.0	ND	113	70-130	2.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:51:09PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603016-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.0	61-141			

**LCS (2603016-BS1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	47.6		50.0		95.2	61-141			

**Matrix Spike (2603016-MS1)**

Source: E601052-05

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			

**Matrix Spike Dup (2603016-MSD1)**

Source: E601052-05

Prepared: 01/12/26 Analyzed: 01/12/26

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	0.204	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/15/2026 2:51:09PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603008-BLK1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride ND 20.0

**LCS (2603008-BS1)**

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2603008-MS1)**

Source: E601049-02

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride 284 20.0 250 30.2 102 80-120

**Matrix Spike Dup (2603008-MSD1)**

Source: E601049-02

Prepared: 01/12/26 Analyzed: 01/12/26

Chloride 283 20.0 250 30.2 101 80-120 0.660 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/15/26 14:51
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State																																																																					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO# E601055				Job Number 23003-0002				1D 2D 3D Std X				NM CO UT TX X																																																																	
Project Name: Desoto Springs Recycling Pond				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										Analysis and Method						EPA Program																																																																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #	Sample Temp	Remarks																																																												
1100	1/8/2026	S	1	SW01 - 0 - 3'		1								X										2.2																																																													
<p><b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com</p> <p>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.</p> <p>Sampled by: Jarad McCauley</p> <table border="1"> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> </tr> <tr> <td><i>[Signature]</i></td> <td>1-9-26</td> <td>9:30</td> <td>Michelle Gonzales</td> <td>1-9-26</td> <td>0930</td> </tr> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> </tr> <tr> <td>Michelle Gonzales</td> <td>1-10-26</td> <td>0745</td> <td>Nathan Gonzales</td> <td>1-10-26</td> <td>0745</td> </tr> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> </tr> <tr> <td>Nathan Gonzales</td> <td>1-10-26</td> <td>1130</td> <td>John [Signature]</td> <td>1-10-26</td> <td>112330</td> </tr> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> </tr> <tr> <td>John [Signature]</td> <td>1-10-26</td> <td>1530</td> <td>Carlin [Signature]</td> <td>1-12-26</td> <td>800</td> </tr> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>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.</p> <p>Lab Use Only</p> <p>Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N</p>																										Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	<i>[Signature]</i>	1-9-26	9:30	Michelle Gonzales	1-9-26	0930	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Michelle Gonzales	1-10-26	0745	Nathan Gonzales	1-10-26	0745	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Nathan Gonzales	1-10-26	1130	John [Signature]	1-10-26	112330	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	John [Signature]	1-10-26	1530	Carlin [Signature]	1-12-26	800	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																																																																																
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John [Signature]	1-10-26	1530	Carlin [Signature]	1-12-26	800																																																																																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																																																																																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																																																																											
<p>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.</p>																																																																																					



### Envirotech Analytical Laboratory

Printed: 1/12/2026 11:20:21AM

#### 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: 01/12/26 08:00	Work Order ID: E601055
Phone: (972) 371-5200	Date Logged In: 01/09/26 15:54	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 01/16/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

#### Comments/Resolution

L-CM  
R-NV

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601065

Job Number: 23003-0002

Received: 1/13/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/19/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/19/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601065  
Date Received: 1/13/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/13/2026 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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**Michelle Gonzales**  
Client Representative  
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Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/19/26 09:03
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-5'	E601065-01A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
FS02-6'	E601065-02A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
SW30-0-6'	E601065-03A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
SW31-0-6'	E601065-04A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
SW32-0-6'	E601065-05A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
SW33-0-5'	E601065-06A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
SW34-0-5'	E601065-07A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**FS01-5'**

**E601065-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2603043	
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.0 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2603043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.2 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2603061	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2603060	
Chloride	ND	20.0	1	01/13/26	01/13/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**FS02-6'**

**E601065-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603060
Chloride	521	20.0	1	01/13/26	01/13/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**SW30-0-6'**

**E601065-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603060
Chloride	72.6	20.0	1	01/13/26	01/13/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**SW31-0-6'**

**E601065-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603060
Chloride	ND	20.0	1	01/13/26	01/13/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**SW32-0-6'**

**E601065-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>		95.0 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603060
Chloride	ND	20.0	1	01/13/26	01/13/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**SW33-0-5'**

**E601065-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.0 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.7 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>						
		94.9 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2603060
Chloride	ND	20.0	1	01/13/26	01/13/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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**SW34-0-5'**

**E601065-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/26	01/14/26	
<i>Surrogate: n-Nonane</i>		94.2 %	61-141	01/13/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603060
Chloride	ND	20.0	1	01/13/26	01/13/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603043-BLK1)

Prepared: 01/13/26 Analyzed: 01/15/26

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	8.03		8.00		100	70-130			

#### LCS (2603043-BS1)

Prepared: 01/13/26 Analyzed: 01/15/26

Benzene	6.33	0.0250	5.00		127	70-130			
Ethylbenzene	6.00	0.0250	5.00		120	70-130			
Toluene	6.20	0.0250	5.00		124	70-130			
o-Xylene	6.05	0.0250	5.00		121	70-130			
p,m-Xylene	12.2	0.0500	10.0		122	70-130			
Total Xylenes	18.2	0.0250	15.0		121	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			

#### Matrix Spike (2603043-MS1)

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Benzene	5.49	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130			
Toluene	5.38	0.0250	5.00	ND	108	70-130			
o-Xylene	5.25	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

#### Matrix Spike Dup (2603043-MSD1)

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Benzene	6.04	0.0250	5.00	ND	121	70-130	9.50	27	
Ethylbenzene	5.76	0.0250	5.00	ND	115	70-130	9.87	26	
Toluene	5.92	0.0250	5.00	ND	118	70-130	9.61	20	
o-Xylene	5.80	0.0250	5.00	ND	116	70-130	9.91	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	9.70	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	9.77	26	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603043-BLK1)**

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.7	70-130			

**LCS (2603043-BS2)**

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	59.5	20.0	50.0		119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130			

**Matrix Spike (2603043-MS2)**

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

**Matrix Spike Dup (2603043-MSD2)**

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	ND	114	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603061-BLK1)**

Prepared: 01/13/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			

**LCS (2603061-BS1)**

Prepared: 01/13/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	244	25.0	250		97.5	66-144			
Surrogate: n-Nonane	47.6		50.0		95.1	61-141			

**Matrix Spike (2603061-MS1)**

Source: E601065-07

Prepared: 01/13/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	56-156			
Surrogate: n-Nonane	47.8		50.0		95.7	61-141			

**Matrix Spike Dup (2603061-MSD1)**

Source: E601065-07

Prepared: 01/13/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	56-156	0.190	20	
Surrogate: n-Nonane	48.2		50.0		96.4	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:03:41AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603060-BLK1)**

Prepared: 01/13/26 Analyzed: 01/13/26

Chloride ND 20.0

**LCS (2603060-BS1)**

Prepared: 01/13/26 Analyzed: 01/13/26

Chloride 261 20.0 250 105 90-110

**Matrix Spike (2603060-MS1)**

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/13/26

Chloride 265 20.0 250 ND 106 80-120

**Matrix Spike Dup (2603060-MSD1)**

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/13/26

Chloride 261 20.0 250 ND 104 80-120 1.56 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/19/26 09:03
---	---	------------------------------------

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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601065		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BEGDOC - NM	BEGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1300	1/9/2026	S	1	FS01 - 5'		1								X		3.5			
1302	1/9/2026	S	1	FS02 - 6'		2								X		3.4			
1354	1/9/2026	S	1	SW30 - 0 - 6'		3								X		3.7			
1252	1/9/2026	S	1	SW31 - 0 - 6'		4								X		3.0			
1254	1/9/2026	S	1	SW32 - 0 - 6'		5								X		2.1			
1256	1/9/2026	S	1	SW33 - 0 - 5'		6								X		2.4			
1258	1/9/2026	S	1	SW34 - 0 - 5'		7								X		2.9			
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, igonzalez@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		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.							
Michelle Gonzales		1-12-26		700		Michelle Gonzales		1-12-26		0700									
Michelle Gonzales		1-12-26		1300		Marissa Gonzales		1-12-26		1800									
Marissa Gonzales		1-12-26		1700		Jhy Galt		1-12-26		1700									
Jhy Galt		1-12-26		2050		Noe Seto		1-13-26		0700									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		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: 1/13/2026 9:36:16AM

**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: 01/13/26 07:00	Work Order ID: E601065
Phone: (972) 371-5200	Date Logged In: 01/12/26 14:56	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/19/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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-KH

**Client Instruction**

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

\_\_\_\_\_  
Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601077

Job Number: 23003-0002

Received: 1/14/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/20/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/20/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601077  
Date Received: 1/14/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2026 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/20/26 11:08
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS55-3'	E601077-01A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 11:08:26AM
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**FS55-3'**

**E601077-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2603068	
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2603068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2603101	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2603070	
Chloride	469	20.0	1	01/14/26	01/14/26	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 11:08:26AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603068-BLK1)**

Prepared: 01/14/26 Analyzed: 01/16/26

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	7.65		8.00		95.7	70-130			

**LCS (2603068-BS1)**

Prepared: 01/14/26 Analyzed: 01/16/26

Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.9	70-130			
Toluene	4.77	0.0250	5.00		95.3	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			

**Matrix Spike (2603068-MS1)**

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Benzene	4.90	0.0250	5.00	ND	97.9	70-130			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	70-130			
Toluene	4.77	0.0250	5.00	ND	95.4	70-130			
o-Xylene	4.68	0.0250	5.00	ND	93.7	70-130			
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			

**Matrix Spike Dup (2603068-MSD1)**

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Benzene	5.19	0.0250	5.00	ND	104	70-130	5.84	27	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130	5.70	26	
Toluene	5.06	0.0250	5.00	ND	101	70-130	5.88	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130	5.98	25	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	70-130	5.45	23	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130	5.62	26	
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 11:08:26AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603068-BLK1)**

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			

**LCS (2603068-BS2)**

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			

**Matrix Spike (2603068-MS2)**

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

**Matrix Spike Dup (2603068-MSD2)**

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130	0.607	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 11:08:26AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603101-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.4		50.0		98.9	61-141			

**LCS (2603101-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: <i>n</i> -Nonane	49.0		50.0		97.9	61-141			

**Matrix Spike (2603101-MS1)**

Source: E601081-04

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	934	50.0	250	674	104	56-156			
Surrogate: <i>n</i> -Nonane	48.0		50.0		96.1	61-141			

**Matrix Spike Dup (2603101-MSD1)**

Source: E601081-04

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	949	50.0	250	674	110	56-156	1.63	20	
Surrogate: <i>n</i> -Nonane	48.2		50.0		96.3	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 11:08:26AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603070-BLK1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride ND 20.0

**LCS (2603070-BS1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2603070-MS1)**

Source: E601068-03

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 294 20.0 250 35.9 103 80-120

**Matrix Spike Dup (2603070-MSD1)**

Source: E601068-03

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 294 20.0 250 35.9 103 80-120 0.0588 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/20/26 11:08
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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.



<b>Client Information</b>			<b>Invoice Information</b>			<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company			Company: Ensolum LLC			Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond			Address: 3122 National Parks Hwy			E601077		2303-0002						x			
Project Manager: Ashley Gioveno			City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy			Phone: 575-988-0055														
City, State, Zip: Carlsbad NM, 88220			Email: agioveno@ensolum.com														
Phone: 575-988-0055			Miscellaneous:														
Email: agioveno@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 #				
																Sample Temp			Remarks	
NO8	1/12/2026	Soil	1	FS55 -3'		1										3.8				

**Additional Instructions:** Please CC: cburton@ensolum.com, agioveno@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle and Jarad McCaley

Relinquished by: (Signature) <i>Jenna Hinkle</i>	Date 1/13/2026	Time 7:00	Received by: (Signature) <i>Michelle Gonzales</i>	Date 1-13-26	Time 0700	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: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 1-13-26	Time 1430	Received by: (Signature) <i>Mariassa Gonzales</i>	Date 1-13-26	Time 1430	
Relinquished by: (Signature) <i>Mariassa Gonzales</i>	Date 1-13-26	Time 1835	Received by: (Signature) <i>Johnny Oute</i>	Date 1-13-26	Time 1835	
Relinquished by: (Signature) <i>Johnny Oute</i>	Date 1-13-26	Time 2230	Received by: (Signature) <i>Nic Soto</i>	Date 1-14-26	Time 0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 1/14/2026 9:01:39AM

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: 01/14/26 07:00 Work Order ID: E601077
Phone: (972) 371-5200 Date Logged In: 01/13/26 15:47 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/20/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-NS and R-DT.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601078

Job Number: 23003-0002

Received: 1/14/2026

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/27/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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





Date Reported: 1/27/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601078  
Date Received: 1/14/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2026 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/27/26 09:49
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS95-3'	E601078-01A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.



Case Narrative:

Project Name: Desoto Springs Recycling Pond

Workorder:E601078

Date Received: 01/14/26 07:00

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Analysis</u>
FS95 - 3'	E601078-01A	DRO/ORO by 8015

The analytical test results summarized in this revised report represent this re-extraction and re-analysis.

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

Respectfully,

Walter Hinchman



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/27/2026 9:49:48AM
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**FS95-3'**

**E601078-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2603068	
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2603068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2604071	
Diesel Range Organics (C10-C28)	44.1	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2603070	
Chloride	172	20.0	1	01/14/26	01/14/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/27/2026 9:49:48AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603068-BLK1)

Prepared: 01/14/26 Analyzed: 01/16/26

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	7.65		8.00		95.7	70-130			

#### LCS (2603068-BS1)

Prepared: 01/14/26 Analyzed: 01/16/26

Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.9	70-130			
Toluene	4.77	0.0250	5.00		95.3	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			

#### Matrix Spike (2603068-MS1)

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Benzene	4.90	0.0250	5.00	ND	97.9	70-130			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	70-130			
Toluene	4.77	0.0250	5.00	ND	95.4	70-130			
o-Xylene	4.68	0.0250	5.00	ND	93.7	70-130			
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			

#### Matrix Spike Dup (2603068-MSD1)

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Benzene	5.19	0.0250	5.00	ND	104	70-130	5.84	27	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130	5.70	26	
Toluene	5.06	0.0250	5.00	ND	101	70-130	5.88	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130	5.98	25	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	70-130	5.45	23	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130	5.62	26	
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/27/2026 9:49:48AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603068-BLK1)**

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			

**LCS (2603068-BS2)**

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			

**Matrix Spike (2603068-MS2)**

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

**Matrix Spike Dup (2603068-MSD2)**

Source: E601072-02

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130	0.607	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/27/2026 9:49:48AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604071-BLK1)**

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	61-141			

**LCS (2604071-BS1)**

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	61-141			

**Matrix Spike (2604071-MS1)**

Source: E601165-01

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156			
Surrogate: <i>n</i> -Nonane	55.3		50.0		111	61-141			

**Matrix Spike Dup (2604071-MSD1)**

Source: E601165-01

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156	1.69	20	
Surrogate: <i>n</i> -Nonane	53.8		50.0		108	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/27/2026 9:49:48AM
---	---	---

#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603070-BLK1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride ND 20.0

**LCS (2603070-BS1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2603070-MS1)**

Source: E601068-03

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 294 20.0 250 35.9 103 80-120

**Matrix Spike Dup (2603070-MSD1)**

Source: E601068-03

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 294 20.0 250 35.9 103 80-120 0.0588 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/27/26 09:49
---	---	------------------------------------

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.





Envirotech Analytical Laboratory

Printed: 1/14/2026 9:16:07AM

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: 01/14/26 07:00 Work Order ID: E601078
Phone: (972) 371-5200 Date Logged In: 01/13/26 15:51 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/20/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-NS and R-DT.

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

Date



envirotech Inc.



Chain of Custody

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>													
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E 401078		23003.0002								x		x									
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220				City, State, Zip: Carlsbad NM, 88220		Phone: 575-988-0055																			
Address: 3122 National Parks Hwy				Email: agiovengo@ensolum.com																									
City, State, Zip: Carlsbad NM, 88220				Miscellaneous:																									
Phone: 575-988-0055																													
Email: agiovengo@ensolum.com																													

Sample Information										Analysis and Method								EPA Program			Sample Temp	Remarks		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	PRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 3000	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA						
1003	1/12/2026	Soil	1	FS 95-31		1	<input checked="" type="checkbox"/>															2.4	Client asked to re-run sample for DRO/DRO.	
																								NS. 1-2026

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, imccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle and Jared McCauley

Relinquished by: (Signature) Jenna Hinkle	Date 1/13/2026	Time 7:00	Received by: (Signature) Michelle Gonzales	Date 1-13-26	Time 0700
Relinquished by: (Signature) Michelle Gonzales	Date 1-13-26	Time 1430	Received by: (Signature) Marissas Gonzales	Date 1-13-26	Time 1430
Relinquished by: (Signature) Marissas Gonzales	Date 1-13-26	Time 1835	Received by: (Signature) John Archibald	Date 1-13-26	Time 1835
Relinquished by: (Signature) John Archibald	Date 1-13-26	Time 2230	Received by: (Signature) Noe Seto	Date 1-14-26	Time 0700

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:  
 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.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601081

Job Number: 23003-0002

Received: 1/14/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/20/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
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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: 1/20/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601081  
Date Received: 1/14/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2026 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/20/26 13:17
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW02-0'-3'	E601081-01A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
SW03-0'-3'	E601081-02A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
SW04-0'-3'	E601081-03A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS71-0'	E601081-04A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS76-3'	E601081-05A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS77-3'	E601081-06A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS78-3'	E601081-07A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS62-3'	E601081-08A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS72-0'	E601081-09A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS82-3'	E601081-10A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS83-3'	E601081-11A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS87-3'	E601081-12A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS88-0'	E601081-13A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS92-3'	E601081-14A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS93-0'	E601081-15A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**SW02-0'-3'**

**E601081-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2603071	
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2603071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2603101	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2603075	
Chloride	13300	200	10	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**SW03-0'-3'**

**E601081-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/15/26	
Toluene	ND	0.0250	1	01/14/26	01/15/26	
o-Xylene	ND	0.0250	1	01/14/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	01/14/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	01/14/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	12600	200	10	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**SW04-0'-3'**

**E601081-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.2 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	499	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	205	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	3340	40.0	2	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS71-0'**

**E601081-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/19/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/19/26	
Toluene	ND	0.0250	1	01/14/26	01/19/26	
o-Xylene	ND	0.0250	1	01/14/26	01/19/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/19/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/19/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	01/14/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/19/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.6 %	70-130	01/14/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	674	50.0	2	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	689	100	2	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	5750	100	5	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS76-3'**

**E601081-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		99.4 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	7180	100	5	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS77-3'**

**E601081-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	5240	100	5	01/14/26	01/14/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS78-3'**

**E601081-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	69.7	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	66.0	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	727	20.0	1	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS62-3'**

**E601081-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	ND	20.0	1	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS72-0'**

**E601081-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/19/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/19/26	
Toluene	ND	0.0250	1	01/14/26	01/19/26	
o-Xylene	ND	0.0250	1	01/14/26	01/19/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/19/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/19/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	01/14/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/19/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.2 %	70-130	01/14/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	<b>1810</b>	50.0	2	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	<b>1470</b>	100	2	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		98.2 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	<b>10900</b>	200	10	01/14/26	01/14/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS82-3'**

**E601081-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	7510	200	10	01/14/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS83-3'**

**E601081-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	2910	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	1300	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		97.0 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	1690	40.0	2	01/14/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS87-3'**

**E601081-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	986	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	596	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	733	20.0	1	01/14/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS88-0'**

**E601081-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	524	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	465	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	10100	200	10	01/14/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS92-3'**

**E601081-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		98.0 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	304	20.0	1	01/14/26	01/15/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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**FS93-0'**

**E601081-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/19/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/19/26	
Toluene	ND	0.0250	1	01/14/26	01/19/26	
o-Xylene	ND	0.0250	1	01/14/26	01/19/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/19/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/19/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.1 %	70-130	01/14/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/19/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.7 %	70-130	01/14/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603101
Diesel Range Organics (C10-C28)	481	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	429	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	4840	40.0	2	01/14/26	01/15/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603071-BLK1)**

Prepared: 01/14/26 Analyzed: 01/15/26

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	8.37		8.00		105	70-130			

**LCS (2603071-BS1)**

Prepared: 01/14/26 Analyzed: 01/15/26

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.1	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		105	70-130			

**Matrix Spike (2603071-MS1)**

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/15/26

Benzene	5.52	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.41	0.0250	5.00	ND	108	70-130			
o-Xylene	5.33	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			

**Matrix Spike Dup (2603071-MSD1)**

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/15/26

Benzene	5.69	0.0250	5.00	ND	114	70-130	3.07	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	3.15	26	
Toluene	5.58	0.0250	5.00	ND	112	70-130	2.94	20	
o-Xylene	5.50	0.0250	5.00	ND	110	70-130	3.13	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	3.13	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	3.13	26	
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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#### 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 (2603071-BLK1)**

Prepared: 01/14/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.8	70-130			

**LCS (2603071-BS2)**

Prepared: 01/14/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	59.3	20.0	50.0		119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			

**Matrix Spike (2603071-MS2)**

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			

**Matrix Spike Dup (2603071-MSD2)**

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0	ND	119	70-130	4.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603101-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.4		50.0		98.9	61-141			

**LCS (2603101-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: <i>n</i> -Nonane	49.0		50.0		97.9	61-141			

**Matrix Spike (2603101-MS1)**

Source: E601081-04

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	934	50.0	250	674	104	56-156			
Surrogate: <i>n</i> -Nonane	48.0		50.0		96.1	61-141			

**Matrix Spike Dup (2603101-MSD1)**

Source: E601081-04

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	949	50.0	250	674	110	56-156	1.63	20	
Surrogate: <i>n</i> -Nonane	48.2		50.0		96.3	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:17:52PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603075-BLK1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride	ND	20.0							
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**LCS (2603075-BS1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride	252	20.0	250		101	90-110			
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**Matrix Spike (2603075-MS1)**

Source: E601080-05

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride	539	20.0	250	284	102	80-120			
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**Matrix Spike Dup (2603075-MSD1)**

Source: E601080-05

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride	539	20.0	250	284	102	80-120	0.139	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/20/26 13:17
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601081		2303-0002					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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO 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
1002	1/12/2026	Soil	1	SW02-0'-3'			1													
1003				↓ 03-0'-3'			2													
1004				↓ 04-0'-3'			3													
1327				FS 71-0'			4													
1006				↓ 76-3'			5													
1007				↓ 77-3'			6													
1005				↓ 78-3'			7													
1206				↓ 62-3'			8													
1327				↓ 72-0'			9													
1016				↓ 82-3'			10													

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle and Jarad McCawley						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.
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Jenna Hinkle	1/13/2026	7:00	Michelle Gonzales	1-13-26	0700	
Michelle Gonzales	1-13-26	1430	Marissa Gonzales	1-13-26	1430	
Marissa Gonzales	1-13-26	1835	Johnny Lutz	1-13-26	1835	
Johnny Lutz	1-13-26	2230	Noe Soto	1-14-26	0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
						Received on ice:
						<input checked="" type="checkbox"/> Y <input type="checkbox"/> 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.

<b>Client Information</b>			<b>Invoice Information</b>			<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company			Company: Ensolum LLC			Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond			Address: 3122 National Parks Hwy			ELeo/081		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										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #						
																Sample Temp			Remarks			
1011	1/13/2026	Soil	1	FS83-3'		11										+			2.9			
1010	↓	↓	↓	87-3'		12										+			3.0			
1326	↓	↓	↓	88-0'		13										+			3.1			
1004	↓	↓	↓	92-3'		14										+			3.4			
1325	↓	↓	↓	93-0'		15										+			3.6			

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@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: Jenna Hinkle and Jarad McCawley

Relinquished by: (Signature) Jenna Hinkle	Date 1/13/2026	Time 7:00	Received by: (Signature) Michelle Gonzales	Date 1-13-26	Time 0700	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.
Relinquished by: (Signature) Michelle Gonzales	Date 1-13-26	Time 1430	Received by: (Signature) Marissa Gonzales	Date 1-13-26	Time 1430	
Relinquished by: (Signature) Marissa Gonzales	Date 1-13-26	Time 1835	Received by: (Signature) Johnny Ouellet	Date 1-13-26	Time 1835	
Relinquished by: (Signature) Johnny Ouellet	Date 1-13-26	Time 2230	Received by: (Signature) Nae Soto	Date 1-14-26	Time 0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: 0/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: 1/14/2026 9:42:21AM

#### 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: 01/14/26 07:00	Work Order ID: E601081
Phone: (972) 371-5200	Date Logged In: 01/13/26 16:01	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/20/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

#### Comments/Resolution

L-NS  
R-DT

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601093

Job Number: 23003-0002

Received: 1/15/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/21/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601093  
Date Received: 1/15/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 08:30
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS63-3'	E601093-01A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:30:49AM
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**FS63-3'**

**E601093-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603099
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603099
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		92.8 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603102
Chloride	367	20.0	1	01/15/26	01/15/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:30:49AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603099-BLK1)

Prepared: 01/15/26 Analyzed: 01/15/26

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	8.09		8.00		101	70-130			

#### LCS (2603099-BS1)

Prepared: 01/15/26 Analyzed: 01/15/26

Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.31	0.0250	5.00		106	70-130			
Toluene	5.43	0.0250	5.00		109	70-130			
o-Xylene	5.38	0.0250	5.00		108	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			

#### Matrix Spike (2603099-MS1)

Source: E601092-01

Prepared: 01/15/26 Analyzed: 01/15/26

Benzene	5.60	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.39	0.0250	5.00	ND	108	70-130			
Toluene	5.52	0.0250	5.00	ND	110	70-130			
o-Xylene	5.45	0.0250	5.00	ND	109	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			

#### Matrix Spike Dup (2603099-MSD1)

Source: E601092-01

Prepared: 01/15/26 Analyzed: 01/15/26

Benzene	5.83	0.0250	5.00	ND	117	70-130	4.03	27	
Ethylbenzene	5.63	0.0250	5.00	ND	113	70-130	4.29	26	
Toluene	5.76	0.0250	5.00	ND	115	70-130	4.22	20	
o-Xylene	5.68	0.0250	5.00	ND	114	70-130	4.12	25	
p,m-Xylene	11.5	0.0500	10.0	ND	115	70-130	4.12	23	
Total Xylenes	17.2	0.0250	15.0	ND	114	70-130	4.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.42		8.00		105	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:30:49AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603099-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			

**LCS (2603099-BS2)**

Prepared: 01/15/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

**Matrix Spike (2603099-MS2)**

Source: E601092-01

Prepared: 01/15/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	58.0	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

**Matrix Spike Dup (2603099-MSD2)**

Source: E601092-01

Prepared: 01/15/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.5	20.0	50.0	ND	113	70-130	2.69	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:30:49AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603114-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.9		50.0		91.8	61-141			

**LCS (2603114-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	251	25.0	250		100	66-144			
Surrogate: <i>n</i> -Nonane	46.7		50.0		93.4	61-141			

**Matrix Spike (2603114-MS1)**

Source: E601097-01

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156			
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.2	61-141			

**Matrix Spike Dup (2603114-MSD1)**

Source: E601097-01

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	8.11	20	
Surrogate: <i>n</i> -Nonane	49.6		50.0		99.2	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:30:49AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603102-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride ND 20.0

**LCS (2603102-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2603102-MS1)**

Source: E601091-01

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride 574 20.0 250 333 96.3 80-120

**Matrix Spike Dup (2603102-MSD1)**

Source: E601091-01

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride 624 20.0 250 333 116 80-120 8.41 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 08:30
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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.





### Envirotech Analytical Laboratory

Printed: 1/16/2026 11:31:44AM

#### 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: 01/15/26 08:00	Work Order ID: E601093
Phone: (972) 371-5200	Date Logged In: 01/14/26 15:24	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/21/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

#### Comments/Resolution

L-CM  
R-NV

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601097

Job Number: 23003-0002

Received: 1/15/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/21/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601097  
Date Received: 1/15/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 13:39
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS58-6'	E601097-01A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS59-6'	E601097-02A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS60-1'	E601097-03A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS61-3'	E601097-04A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS114-6'	E601097-05A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS116-6'	E601097-06A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS141-5'	E601097-07A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS142-5'	E601097-08A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS58-6'**

**E601097-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		96.0 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2603104
Chloride	41.3	20.0	1	01/15/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS59-6'**

**E601097-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	1500	20.0	1	01/15/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS60-1'**

**E601097-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	7930	200	10	01/15/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS61-3'**

**E601097-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	7190	100	5	01/15/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS114-6'**

**E601097-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		96.4 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	90.9	20.0	1	01/15/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS116-6'**

**E601097-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		94.7 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	76.3	20.0	1	01/15/26	01/15/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS141-5'**

**E601097-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	25.0	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	29.2	20.0	1	01/15/26	01/15/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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**FS142-5'**

**E601097-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2603114
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/16/26	
<i>Surrogate: n-Nonane</i>		94.9 %	61-141	01/15/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603104
Chloride	ND	20.0	1	01/15/26	01/15/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603100-BLK1)

Prepared: 01/15/26 Analyzed: 01/18/26

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	10.3		8.00		129	70-130			

#### LCS (2603100-BS1)

Prepared: 01/15/26 Analyzed: 01/18/26

Benzene	4.31	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.20	0.0250	5.00		84.0	70-130			
Toluene	4.28	0.0250	5.00		85.6	70-130			
o-Xylene	4.29	0.0250	5.00		85.8	70-130			
p,m-Xylene	8.55	0.0500	10.0		85.5	70-130			
Total Xylenes	12.8	0.0250	15.0		85.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	10.2		8.00		127	70-130			

#### Matrix Spike (2603100-MS1)

Source: E601096-04

Prepared: 01/15/26 Analyzed: 01/18/26

Benzene	4.31	0.0250	5.00	ND	86.1	70-130			
Ethylbenzene	4.19	0.0250	5.00	ND	83.9	70-130			
Toluene	4.28	0.0250	5.00	ND	85.5	70-130			
o-Xylene	4.28	0.0250	5.00	ND	85.7	70-130			
p,m-Xylene	8.56	0.0500	10.0	ND	85.6	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	10.3		8.00		129	70-130			

#### Matrix Spike Dup (2603100-MSD1)

Source: E601096-04

Prepared: 01/15/26 Analyzed: 01/18/26

Benzene	4.28	0.0250	5.00	ND	85.6	70-130	0.632	27	
Ethylbenzene	4.18	0.0250	5.00	ND	83.6	70-130	0.343	26	
Toluene	4.24	0.0250	5.00	ND	84.9	70-130	0.769	20	
o-Xylene	4.28	0.0250	5.00	ND	85.5	70-130	0.178	25	
p,m-Xylene	8.52	0.0500	10.0	ND	85.2	70-130	0.471	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.3	70-130	0.373	26	
Surrogate: 4-Bromochlorobenzene-PID	10.4		8.00		130	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603100-BLK1)**

Prepared: 01/15/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.13		8.00		102	70-130			

**LCS (2603100-BS2)**

Prepared: 01/15/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		8.00		103	70-130			

**Matrix Spike (2603100-MS2)**

Source: E601096-04

Prepared: 01/15/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.24		8.00		103	70-130			

**Matrix Spike Dup (2603100-MSD2)**

Source: E601096-04

Prepared: 01/15/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	5.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.22		8.00		103	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603114-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.8	61-141			

**LCS (2603114-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	251	25.0	250		100	66-144			
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			

**Matrix Spike (2603114-MS1)**

Source: E601097-01

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156			
Surrogate: n-Nonane	45.6		50.0		91.2	61-141			

**Matrix Spike Dup (2603114-MSD1)**

Source: E601097-01

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	8.11	20	
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 1:39:53PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603104-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride	ND	20.0							
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**LCS (2603104-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride	254	20.0	250		102	90-110			
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**Matrix Spike (2603104-MS1)**

Source: E601097-03

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride	8310	200	250	7930	153	80-120			M4
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**Matrix Spike Dup (2603104-MSD1)**

Source: E601097-03

Prepared: 01/15/26 Analyzed: 01/15/26

Chloride	8270	200	250	7930	138	80-120	0.436	20	M4
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 13:39
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>			<b>State</b>				
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E 1201091		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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #				
																Sample Temp			Remarks	
1022	1/13/2026	S	1	FS58 - 6'		1								X		4.1				
1023	1/13/2026	S	1	FS59 - 6'		2								X		4.5				
1024	1/13/2026	S	1	FS60 - 1'		3								X		3.2				
1025	1/13/2026	S	1	FS61 - 3'		4								X		3.0				
1400	1/13/2026	S	1	FS114 - 6'		5								X		3.7				
1402	1/13/2026	S	1	FS116 - 6'		6								X		3.2			OK 1/15/26	
1405	1/13/2026	S	1	FS141 - 5'		7								X		4.1				
1406	1/13/2026	S	1	FS142 - 5'		8								X		3.7				

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, igonzalez@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 1/14/26	Time 7:11	Received by: (Signature) Michelle Gonzales	Date 1-14-26	Time 0711	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
Relinquished by: (Signature) Michelle Gonzales	Date 1-14-26	Time 1445	Received by: (Signature) Mariassa Gonzales	Date 1-14-26	Time 1445	
Relinquished by: (Signature) Mariassa Gonzales	Date 1-14-26	Time 1920	Received by: (Signature) J. J. ...	Date 1-14-26	Time 1920	
Relinquished by: (Signature) J. J. ...	Date 1-14-26	Time 2315	Received by: (Signature) Caitlin ...	Date 1-15-26	Time 800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 1/15/2026 10:18:22AM

**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: 01/15/26 08:00	Work Order ID: E601097
Phone: (972) 371-5200	Date Logged In: 01/14/26 15:39	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/21/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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**

**Comments/Resolution**

L-CM  
R-NV

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601110

Job Number: 23003-0002

Received: 1/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/21/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601110  
Date Received: 1/16/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/16/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS40-1'	E601110-01A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:15:50PM
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**FS40-1'**

**E601110-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603137
Benzene	ND	0.0250	1	01/16/26	01/17/26	
Ethylbenzene	<b>0.102</b>	0.0250	1	01/16/26	01/17/26	
Toluene	ND	0.0250	1	01/16/26	01/17/26	
o-Xylene	<b>0.189</b>	0.0250	1	01/16/26	01/17/26	
p,m-Xylene	<b>0.541</b>	0.0500	1	01/16/26	01/17/26	
Total Xylenes	<b>0.730</b>	0.0250	1	01/16/26	01/17/26	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	01/16/26	01/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	01/16/26	01/17/26	
<i>Surrogate: Toluene-d8</i>		85.9 %	70-130	01/16/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/17/26	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	01/16/26	01/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	01/16/26	01/17/26	
<i>Surrogate: Toluene-d8</i>		85.9 %	70-130	01/16/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603141
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603143
Chloride	<b>300</b>	20.0	1	01/16/26	01/16/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:15:50PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603137-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

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: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.7	70-130			

**LCS (2603137-BS1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.6	70-130			
Toluene	2.26	0.0250	2.50		90.4	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.60	0.0500	5.00		91.9	70-130			
Total Xylenes	6.89	0.0250	7.50		91.8	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.442		0.500		88.4	70-130			

**Matrix Spike (2603137-MS1)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.71	0.0250	2.50	ND	109	48-131			
Ethylbenzene	2.93	0.0250	2.50	0.570	94.4	45-135			
Toluene	2.27	0.0250	2.50	ND	90.9	48-130			
o-Xylene	3.39	0.0250	2.50	1.18	88.5	43-135			
p,m-Xylene	7.66	0.0500	5.00	3.25	88.2	43-135			
Total Xylenes	11.0	0.0250	7.50	4.42	88.3	43-135			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.432		0.500		86.4	70-130			

**Matrix Spike Dup (2603137-MSD1)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.80	0.0250	2.50	ND	112	48-131	3.16	23	
Ethylbenzene	3.05	0.0250	2.50	0.570	99.0	45-135	3.85	27	
Toluene	2.35	0.0250	2.50	ND	94.0	48-130	3.38	24	
o-Xylene	3.49	0.0250	2.50	1.18	92.4	43-135	2.79	27	
p,m-Xylene	7.85	0.0500	5.00	3.25	92.0	43-135	2.43	27	
Total Xylenes	11.3	0.0250	7.50	4.42	92.1	43-135	2.54	27	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.442		0.500		88.4	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:15:50PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603137-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.7	70-130			

**LCS (2603137-BS2)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.437		0.500		87.3	70-130			

**Matrix Spike (2603137-MS2)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	69.7	20.0	50.0	25.4	88.6	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.8	70-130			

**Matrix Spike Dup (2603137-MSD2)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	68.3	20.0	50.0	25.4	85.7	70-130	2.13	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.433		0.500		86.5	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:15:50PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603141-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.0		50.0		98.0	61-141			

**LCS (2603141-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	61-141			

**Matrix Spike (2603141-MS1)**

Source: E601098-08

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: <i>n</i> -Nonane	50.5		50.0		101	61-141			

**Matrix Spike Dup (2603141-MSD1)**

Source: E601098-08

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	0.327	20	
Surrogate: <i>n</i> -Nonane	50.4		50.0		101	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:15:50PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603143-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride ND 20.0

**LCS (2603143-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride 257 20.0 250 103 90-110

**Matrix Spike (2603143-MS1)**

Source: E601110-01

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride 561 20.0 250 300 104 80-120

**Matrix Spike Dup (2603143-MSD1)**

Source: E601110-01

Prepared: 01/16/26 Analyzed: 01/19/26

Chloride 554 20.0 250 300 101 80-120 1.23 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:15
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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.





Envirotech Analytical Laboratory

Printed: 1/16/2026 9:40:08AM

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: 01/16/26 08:00 Work Order ID: E601110
Phone: (972) 371-5200 Date Logged In: 01/15/26 15:18 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/22/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-CM and R-NS.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601111

Job Number: 23003-0002

Received: 1/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/21/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601111  
Date Received: 1/16/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/16/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS15-0.5.'	E601111-01A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:18:35PM
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**FS15-0.5'**

**E601111-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603137
Benzene	ND	0.0250	1	01/16/26	01/17/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/17/26	
Toluene	ND	0.0250	1	01/16/26	01/17/26	
o-Xylene	ND	0.0250	1	01/16/26	01/17/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/17/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/17/26	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	01/16/26	01/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/16/26	01/17/26	
<i>Surrogate: Toluene-d8</i>		86.7 %	70-130	01/16/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/17/26	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	01/16/26	01/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/16/26	01/17/26	
<i>Surrogate: Toluene-d8</i>		86.7 %	70-130	01/16/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603141
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		98.0 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603143
Chloride	447	20.0	1	01/16/26	01/16/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/21/2026 5:18:35PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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**Blank (2603137-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

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: Bromofluorobenzene	0.486		0.500		97.1		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5		70-130		
Surrogate: Toluene-d8	0.434		0.500		86.7		70-130		

**LCS (2603137-BS1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.71	0.0250	2.50		108		70-130		
Ethylbenzene	2.39	0.0250	2.50		95.6		70-130		
Toluene	2.26	0.0250	2.50		90.4		70-130		
o-Xylene	2.29	0.0250	2.50		91.6		70-130		
p,m-Xylene	4.60	0.0500	5.00		91.9		70-130		
Total Xylenes	6.89	0.0250	7.50		91.8		70-130		
Surrogate: Bromofluorobenzene	0.495		0.500		99.0		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104		70-130		
Surrogate: Toluene-d8	0.442		0.500		88.4		70-130		

**Matrix Spike (2603137-MS1)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.71	0.0250	2.50	ND	109		48-131		
Ethylbenzene	2.93	0.0250	2.50	0.570	94.4		45-135		
Toluene	2.27	0.0250	2.50	ND	90.9		48-130		
o-Xylene	3.39	0.0250	2.50	1.18	88.5		43-135		
p,m-Xylene	7.66	0.0500	5.00	3.25	88.2		43-135		
Total Xylenes	11.0	0.0250	7.50	4.42	88.3		43-135		
Surrogate: Bromofluorobenzene	0.510		0.500		102		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102		70-130		
Surrogate: Toluene-d8	0.432		0.500		86.4		70-130		

**Matrix Spike Dup (2603137-MSD1)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.80	0.0250	2.50	ND	112		48-131	3.16	23
Ethylbenzene	3.05	0.0250	2.50	0.570	99.0		45-135	3.85	27
Toluene	2.35	0.0250	2.50	ND	94.0		48-130	3.38	24
o-Xylene	3.49	0.0250	2.50	1.18	92.4		43-135	2.79	27
p,m-Xylene	7.85	0.0500	5.00	3.25	92.0		43-135	2.43	27
Total Xylenes	11.3	0.0250	7.50	4.42	92.1		43-135	2.54	27
Surrogate: Bromofluorobenzene	0.511		0.500		102		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102		70-130		
Surrogate: Toluene-d8	0.442		0.500		88.4		70-130		



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:18:35PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603137-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.7	70-130			

**LCS (2603137-BS2)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.437		0.500		87.3	70-130			

**Matrix Spike (2603137-MS2)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	69.7	20.0	50.0	25.4	88.6	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.8	70-130			

**Matrix Spike Dup (2603137-MSD2)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	68.3	20.0	50.0	25.4	85.7	70-130	2.13	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.433		0.500		86.5	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:18:35PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603141-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.0		50.0		98.0	61-141			

**LCS (2603141-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	61-141			

**Matrix Spike (2603141-MS1)**

Source: E601098-08

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: <i>n</i> -Nonane	50.5		50.0		101	61-141			

**Matrix Spike Dup (2603141-MSD1)**

Source: E601098-08

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	0.327	20	
Surrogate: <i>n</i> -Nonane	50.4		50.0		101	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:18:35PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603143-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	ND	20.0							
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**LCS (2603143-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	257	20.0	250		103	90-110			
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**Matrix Spike (2603143-MS1)**

Source: E601110-01

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	561	20.0	250	300	104	80-120			
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**Matrix Spike Dup (2603143-MSD1)**

Source: E601110-01

Prepared: 01/16/26 Analyzed: 01/19/26

Chloride	554	20.0	250	300	101	80-120	1.23	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:18
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E 101111		23003-002					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #				
																Sample Temp			Remarks	
1305	1/14/2026	S	1	FS15 - 0.5'		(								X		2.5				

**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, igonzalez@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						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: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	1/15/26	7:11	Michelle Gonzales	1-15-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	1-15-26	1430	Nathan Gonzales	1-15-26	1430						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Nathan Gonzales	1-15-26	1815	[Signature]	1-15-26	1815						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
[Signature]	1-15-26	2206	Caith Mac	1-16-26	800						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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: 1/16/2026 9:43:27AM

#### 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: 01/16/26 08:00	Work Order ID: E601111
Phone: (972) 371-5200	Date Logged In: 01/15/26 15:20	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/22/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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-NS

#### Client Instruction

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601112

Job Number: 23003-0002

Received: 1/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/21/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601112  
Date Received: 1/16/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/16/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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**Southern New Mexico Area**

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**Michelle Gonzales**  
Client Representative  
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Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:20
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS124-5'	E601112-01A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:20:15PM
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**FS124-5'**  
**E601112-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603137
Benzene	ND	0.0250	1	01/16/26	01/17/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/17/26	
Toluene	ND	0.0250	1	01/16/26	01/17/26	
o-Xylene	ND	0.0250	1	01/16/26	01/17/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/17/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/17/26	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	01/16/26	01/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	01/16/26	01/17/26	
<i>Surrogate: Toluene-d8</i>		86.2 %	70-130	01/16/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/17/26	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	01/16/26	01/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	01/16/26	01/17/26	
<i>Surrogate: Toluene-d8</i>		86.2 %	70-130	01/16/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603141
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		98.3 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603143
Chloride	329	20.0	1	01/16/26	01/16/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:20:15PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603137-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

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: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.7	70-130			

**LCS (2603137-BS1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.6	70-130			
Toluene	2.26	0.0250	2.50		90.4	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.60	0.0500	5.00		91.9	70-130			
Total Xylenes	6.89	0.0250	7.50		91.8	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.442		0.500		88.4	70-130			

**Matrix Spike (2603137-MS1)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.71	0.0250	2.50	ND	109	48-131			
Ethylbenzene	2.93	0.0250	2.50	0.570	94.4	45-135			
Toluene	2.27	0.0250	2.50	ND	90.9	48-130			
o-Xylene	3.39	0.0250	2.50	1.18	88.5	43-135			
p,m-Xylene	7.66	0.0500	5.00	3.25	88.2	43-135			
Total Xylenes	11.0	0.0250	7.50	4.42	88.3	43-135			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.432		0.500		86.4	70-130			

**Matrix Spike Dup (2603137-MSD1)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	2.80	0.0250	2.50	ND	112	48-131	3.16	23	
Ethylbenzene	3.05	0.0250	2.50	0.570	99.0	45-135	3.85	27	
Toluene	2.35	0.0250	2.50	ND	94.0	48-130	3.38	24	
o-Xylene	3.49	0.0250	2.50	1.18	92.4	43-135	2.79	27	
p,m-Xylene	7.85	0.0500	5.00	3.25	92.0	43-135	2.43	27	
Total Xylenes	11.3	0.0250	7.50	4.42	92.1	43-135	2.54	27	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.442		0.500		88.4	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:20:15PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603137-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.7	70-130			

**LCS (2603137-BS2)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.437		0.500		87.3	70-130			

**Matrix Spike (2603137-MS2)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	69.7	20.0	50.0	25.4	88.6	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.434		0.500		86.8	70-130			

**Matrix Spike Dup (2603137-MSD2)**

Source: E601115-03

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	68.3	20.0	50.0	25.4	85.7	70-130	2.13	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.433		0.500		86.5	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:20:15PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603141-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.0		50.0		98.0	61-141			

**LCS (2603141-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	61-141			

**Matrix Spike (2603141-MS1)**

Source: E601098-08

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: <i>n</i> -Nonane	50.5		50.0		101	61-141			

**Matrix Spike Dup (2603141-MSD1)**

Source: E601098-08

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	0.327	20	
Surrogate: <i>n</i> -Nonane	50.4		50.0		101	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:20:15PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603143-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	ND	20.0							
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**LCS (2603143-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	257	20.0	250		103	90-110			
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**Matrix Spike (2603143-MS1)**

Source: E601110-01

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	561	20.0	250	300	104	80-120			
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**Matrix Spike Dup (2603143-MSD1)**

Source: E601110-01

Prepared: 01/16/26 Analyzed: 01/19/26

Chloride	554	20.0	250	300	101	80-120	1.23	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:20
---	---	------------------------------------

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.



Client Information				Invoice Information				Lab Use Only				TAT				State																																													
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX																																										
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601112		23005-0002					X	X																																													
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="4">EPA Program</th> </tr> <tr> <td rowspan="3">DRO/DRO by 8015</td> <td rowspan="3">GRO/DRO by 8015</td> <td rowspan="3">BTEX by 8021</td> <td rowspan="3">VOC by 8260</td> <td rowspan="3">Chloride 300.0</td> <td rowspan="3">TCEQ 1005 - TX</td> <td rowspan="3">RCRA 8 Metals</td> <td rowspan="3">BGDOC - NM</td> <td rowspan="3">BGDOC - TX</td> <td>SDWA</td> <td>CWA</td> <td colspan="2">RCRA</td> </tr> <tr> <td>Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td>PWSID #</td> <td colspan="3"></td> </tr> <tr> <td>Time Sampled</td> <td>Date Sampled</td> <td>Matrix</td> <td>No. of Containers</td> <td>Sample ID</td> <td>Field Filter</td> <td>Lab Number</td> <td>Sample Temp</td> <td colspan="5">Remarks</td> </tr> </thead> </table>								Analysis and Method								EPA Program				DRO/DRO 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 #				Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	Sample Temp	Remarks				
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City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																																																									
Phone: 575-988-0055				Miscellaneous:																																																									
Email: agiovengo@ensolum.com																																																													
Sample Information																																																													
1114	1/14/2026	S	1	FS124 - 5'		1													2.0																																										
<p><b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com</p> <p>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.</p> <p>Sampled by: <u>Jarad McCauley</u></p> <table border="1"> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> <td rowspan="5">                 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)             </td> </tr> <tr> <td><i>Jarad McCauley</i></td> <td>1/15/26</td> <td>7:11</td> <td><i>Michelle Gonzales</i></td> <td>1-15-26</td> <td>0711</td> </tr> <tr> <td><i>Michelle Gonzales</i></td> <td>1-15-26</td> <td>1430</td> <td><i>Nathan Gonzales</i></td> <td>1-15-26</td> <td>1430</td> </tr> <tr> <td><i>Nathan Gonzales</i></td> <td>1-15-26</td> <td>1815</td> <td><i>Jay Ad</i></td> <td>1-15-26</td> <td>1815</td> </tr> <tr> <td><i>Jay Ad</i></td> <td>1-15-26</td> <td>2206</td> <td><i>Caitlin Mc...</i></td> <td>1-16-26</td> <td>800</td> </tr> </table>																			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)	<i>Jarad McCauley</i>	1/15/26	7:11	<i>Michelle Gonzales</i>	1-15-26	0711	<i>Michelle Gonzales</i>	1-15-26	1430	<i>Nathan Gonzales</i>	1-15-26	1430	<i>Nathan Gonzales</i>	1-15-26	1815	<i>Jay Ad</i>	1-15-26	1815	<i>Jay Ad</i>	1-15-26	2206	<i>Caitlin Mc...</i>	1-16-26	800												
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<p>Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</p> <p>Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA</p> <p>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.</p>																																																													

Envirotech Analytical Laboratory

Printed: 1/16/2026 9:44:48AM

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: 01/16/26 08:00 Work Order ID: E601112
Phone: (972) 371-5200 Date Logged In: 01/15/26 15:21 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/22/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-CM and R-NS.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601119

Job Number: 23003-0002

Received: 1/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/21/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601119  
Date Received: 1/16/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/16/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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**Michelle Gonzales**  
Client Representative  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

**Reported:**

01/21/26 17:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11-0.5'	E601119-01A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS12-0.5'	E601119-02A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS14-0.5'	E601119-03A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS16-0.5'	E601119-04A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS17-0.5'	E601119-05A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS18-0.5'	E601119-06A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS22-0.5'	E601119-07A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS24-1'	E601119-08A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS26-0.5'	E601119-09A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS27-0.5'	E601119-10A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS29-0.5'	E601119-11A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS30-0.5'	E601119-12A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS35-1'	E601119-13A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS37-0.5'	E601119-14A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS38-0.5'	E601119-15A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS39-0.5'	E601119-16A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS43-0.5'	E601119-17A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS44-0.5'	E601119-18A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS51-1'	E601119-19A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS112-6'	E601119-20A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS117-6'	E601119-21A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.
FS120-5'	E601119-22A	Soil	01/14/26	01/16/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS11-0.5'**  
**E601119-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.8 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	163	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS12-0.5'**

**E601119-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.8 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	130	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS14-0.5'**

**E601119-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	207	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS16-0.5'**

**E601119-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	129	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS17-0.5'**

**E601119-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	215	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS18-0.5'**

**E601119-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	76.3	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS22-0.5'**

**E601119-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	60.5	20.0	1	01/16/26	01/16/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS24-1'**

**E601119-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	108	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS26-0.5'**

**E601119-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	116	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS27-0.5'**

**E601119-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	129	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS29-0.5'**

**E601119-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	119	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS30-0.5'**

**E601119-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	129	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS35-1'**

**E601119-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	85.9	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS37-0.5'**

**E601119-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	84.2	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS38-0.5'**

**E601119-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	88.9	20.0	1	01/16/26	01/16/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS39-0.5'**

**E601119-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	52.1	20.0	1	01/16/26	01/16/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS43-0.5'**

**E601119-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	365	20.0	1	01/16/26	01/17/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS44-0.5'**

**E601119-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	473	20.0	1	01/16/26	01/17/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS51-1'**

**E601119-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	403	20.0	1	01/16/26	01/17/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS112-6'**  
**E601119-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.7 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2603150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2603148
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2603153
Chloride	131	20.0	1	01/16/26	01/17/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS117-6'**

**E601119-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603152
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603152
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604017
Diesel Range Organics (C10-C28)	ND	25.0	1	01/19/26	01/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/19/26	01/19/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	01/19/26	01/19/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603144
Chloride	ND	20.0	1	01/16/26	01/17/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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**FS120-5'**

**E601119-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603152
Benzene	ND	0.0250	1	01/16/26	01/18/26	
Ethylbenzene	ND	0.0250	1	01/16/26	01/18/26	
Toluene	ND	0.0250	1	01/16/26	01/18/26	
o-Xylene	ND	0.0250	1	01/16/26	01/18/26	
p,m-Xylene	ND	0.0500	1	01/16/26	01/18/26	
Total Xylenes	ND	0.0250	1	01/16/26	01/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2603152
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/26	01/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	01/16/26	01/18/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604017
Diesel Range Organics (C10-C28)	ND	25.0	1	01/19/26	01/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/19/26	01/19/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/19/26	01/19/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603144
Chloride	283	20.0	1	01/16/26	01/17/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2603150-BLK1)

Prepared: 01/16/26 Analyzed: 01/18/26

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	7.38		8.00		92.2	70-130			

#### LCS (2603150-BS1)

Prepared: 01/16/26 Analyzed: 01/18/26

Benzene	4.82	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.61	0.0250	5.00		92.3	70-130			
p,m-Xylene	9.23	0.0500	10.0		92.3	70-130			
Total Xylenes	13.8	0.0250	15.0		92.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

#### Matrix Spike (2603150-MS1)

Source: E601119-01

Prepared: 01/16/26 Analyzed: 01/18/26

Benzene	5.15	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.84	0.0250	5.00	ND	96.7	70-130			
Toluene	5.06	0.0250	5.00	ND	101	70-130			
o-Xylene	4.93	0.0250	5.00	ND	98.5	70-130			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

#### Matrix Spike Dup (2603150-MSD1)

Source: E601119-01

Prepared: 01/16/26 Analyzed: 01/18/26

Benzene	5.07	0.0250	5.00	ND	101	70-130	1.65	27	
Ethylbenzene	4.79	0.0250	5.00	ND	95.8	70-130	1.00	26	
Toluene	4.99	0.0250	5.00	ND	99.7	70-130	1.42	20	
o-Xylene	4.87	0.0250	5.00	ND	97.3	70-130	1.25	25	
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	70-130	0.793	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130	0.944	26	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603152-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

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	7.45		8.00		93.1	70-130			

**LCS (2603152-BS1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Benzene	4.75	0.0250	5.00		95.0	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.79	0.0250	5.00		95.8	70-130			
o-Xylene	4.75	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

**Matrix Spike (2603152-MS1)**

Source: E601117-05

Prepared: 01/16/26 Analyzed: 01/18/26

Benzene	4.64	0.0250	5.00	ND	92.8	70-130			
Ethylbenzene	4.55	0.0250	5.00	ND	91.0	70-130			
Toluene	4.68	0.0250	5.00	ND	93.7	70-130			
o-Xylene	4.64	0.0250	5.00	ND	92.9	70-130			
p,m-Xylene	9.24	0.0500	10.0	ND	92.4	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.4	70-130			

**Matrix Spike Dup (2603152-MSD1)**

Source: E601117-05

Prepared: 01/16/26 Analyzed: 01/18/26

Benzene	4.65	0.0250	5.00	ND	93.0	70-130	0.202	27	
Ethylbenzene	4.57	0.0250	5.00	ND	91.4	70-130	0.522	26	
Toluene	4.69	0.0250	5.00	ND	93.8	70-130	0.126	20	
o-Xylene	4.66	0.0250	5.00	ND	93.2	70-130	0.364	25	
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	70-130	0.489	23	
Total Xylenes	13.9	0.0250	15.0	ND	93.0	70-130	0.447	26	
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603150-BLK1)**

Prepared: 01/16/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

**LCS (2603150-BS2)**

Prepared: 01/16/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

**Matrix Spike (2603150-MS2)**

Source: E601119-01

Prepared: 01/16/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

**Matrix Spike Dup (2603150-MSD2)**

Source: E601119-01

Prepared: 01/16/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.5	70-130	4.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603152-BLK1)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

**LCS (2603152-BS2)**

Prepared: 01/16/26 Analyzed: 01/17/26

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

**Matrix Spike (2603152-MS2)**

Source: E601117-05

Prepared: 01/16/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

**Matrix Spike Dup (2603152-MSD2)**

Source: E601117-05

Prepared: 01/16/26 Analyzed: 01/18/26

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130	1.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603148-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.4		50.0		103	61-141			

**LCS (2603148-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	246	25.0	250		98.3	66-144			
Surrogate: <i>n</i> -Nonane	51.8		50.0		104	61-141			

**Matrix Spike (2603148-MS1)**

Source: E601119-17

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.2	56-156			
Surrogate: <i>n</i> -Nonane	51.2		50.0		102	61-141			

**Matrix Spike Dup (2603148-MSD1)**

Source: E601119-17

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	56-156	2.31	20	
Surrogate: <i>n</i> -Nonane	52.0		50.0		104	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604017-BLK1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	61-141			

**LCS (2604017-BS1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	61-141			

**Matrix Spike (2604017-MS1)**

Source: E601120-85

Prepared: 01/19/26 Analyzed: 01/19/26

Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	56-156			
Surrogate: <i>n</i> -Nonane	51.4		50.0		103	61-141			

**Matrix Spike Dup (2604017-MSD1)**

Source: E601120-85

Prepared: 01/19/26 Analyzed: 01/19/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	2.65	20	
Surrogate: <i>n</i> -Nonane	51.9		50.0		104	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603144-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride ND 20.0

**LCS (2603144-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2603144-MS1)**

Source: E601116-06

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride 328 20.0 250 70.3 103 80-120

**Matrix Spike Dup (2603144-MSD1)**

Source: E601116-06

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride 330 20.0 250 70.3 104 80-120 0.728 20



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 5:24:04PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2603153-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	ND	20.0							
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**LCS (2603153-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	259	20.0	250		104	90-110			
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**Matrix Spike (2603153-MS1)**

Source: E601119-07

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	332	20.0	250	60.5	109	80-120			
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**Matrix Spike Dup (2603153-MSD1)**

Source: E601119-07

Prepared: 01/16/26 Analyzed: 01/16/26

Chloride	345	20.0	250	60.5	114	80-120	3.82	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 17:24
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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.





Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1601119		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										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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			
1300	1/14/2026	S	1	FS11 - 0.5'		1								X							
1302	1/14/2026	S	1	FS12 - 0.5'		2								X							
1304	1/14/2026	S	1	FS14 - 0.5'		3								X							
1306	1/14/2026	S	1	FS16 - 0.5'		4								X							
1307	1/14/2026	S	1	FS17 - 0.5'		5								X							
1308	1/14/2026	S	1	FS18 - 0.5'		6								X							
1311	1/14/2026	S	1	FS22 - 0.5'		7								X							
1312	1/14/2026	S	1	FS24 - 1'		8								X							
1313	1/14/2026	S	1	FS26 - 0.5'		9								X							
1315	1/14/2026	S	1	FS27 - 0.5'		10								X							
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, imccauley@ensolum.com, akone@ensolum.com, igonzalez@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	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: <i>[Signature]</i>													
<i>[Signature]</i>		1-15-26	7:11	<i>Michelle Gonzales</i>		1-15-26	0711														
<i>Michelle Gonzales</i>		1-15-26	1430	<i>Nathan Gonzales</i>		1-15-26	1430														
<i>Nathan Gonzales</i>		1-15-26	1815	<i>[Signature]</i>		1-15-26	1815														
<i>[Signature]</i>		1-15-26	2206	<i>Caithryn</i>		1-16-26	800														
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.																					

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1201119		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										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA				
																Compliance	Y	or	N			
																PWSID #						
																Sample Temp			Remarks			
1316	1/14/2026	S	1	FS29 - 0.5'		11								X					2.5			
1318	1/14/2026	S	1	FS30 - 0.5'		12								X					2.6			
1319	1/14/2026	S	1	FS35 - 1'		13								X					2.9			
1321	1/14/2026	S	1	FS37 - 0.5'		14								X					3.0			
1322	1/14/2026	S	1	FS38 - 0.5'		15								X					3.6			
1323	1/14/2026	S	1	FS39 - 0.5'		16								X					2.6			
1325	1/14/2026	S	1	FS43 - 0.5'		17								X					2.4			
1327	1/14/2026	S	1	FS44 - 0.5'		18								X					1.8			
1329	1/14/2026	S	1	FS51 - 1'		19								X					2.8			
1110	1/14/2026	S	1	FS112 - 6'		20								X					2.8			

**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, jgonzalez@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.

Relinquished by: (Signature) <i>Jarad McCauley</i>						Date	1/15/26	Time	7:11	Received by: (Signature) <i>Michelle Gonzales</i>						Date	1-15-26	Time	0711	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.
Relinquished by: (Signature) <i>Michelle Gonzales</i>						Date	1-15-26	Time	1430	Received by: (Signature) <i>Nathan Gonzales</i>						Date	1-15-26	Time	1430	
Relinquished by: (Signature) <i>Nathan Gonzales</i>						Date	1-15-26	Time	1813	Received by: (Signature) <i>John Arto</i>						Date	1-15-26	Time	2201315	
Relinquished by: (Signature) <i>John Arto</i>						Date	1-15-26	Time	2206	Received by: (Signature) <i>Leath Man</i>						Date	1-16-26	Time	800	
Relinquished by: (Signature)						Date		Time		Received by: (Signature)						Date		Time		

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.

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601119		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/DRO 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 #			
																Sample Temp			Remarks
1112	1/14/2026	S	1	FS117 - 6'		21								X		2.8			
1113	1/14/2026	S	1	FS120 - 5'		22								X		2.6			
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, ihinkle@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: <u>Jarad McCauley</u>																			
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: <input checked="" type="radio"/> Y <input type="radio"/> N													
<i>Jarad McCauley</i>	1-15-26	7:11	<i>Michelle Gonzalez</i>	1-15-26	0711														
<i>Michelle Gonzalez</i>	1-15-26	1430	<i>Nathan Gonzalez</i>	1-15-26	1430														
<i>Nathan Gonzalez</i>	1-15-26	1815	<i>July Oak</i>	1-15-26	1815														
<i>July Oak</i>	1-15-26	2206	<i>Leatha Mae</i>	1-16-26	800														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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: 1/16/2026 10:09:43AM

#### 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: 01/16/26 08:00	Work Order ID: E601119
Phone: (972) 371-5200	Date Logged In: 01/15/26 16:06	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/22/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### Comments/Resolution

L-CM  
R-NS

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601137

Job Number: 23003-0002

Received: 1/19/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/22/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/22/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601137  
Date Received: 1/19/2026 5:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 5:45:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/22/26 16:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS28-0.5'	E601137-01A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:07:55PM
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**FS28-0.5'**

**E601137-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604006
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2604044
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/20/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604021
Chloride	403	20.0	1	01/19/26	01/19/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:07:55PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604006-BLK1)

Prepared: 01/19/26 Analyzed: 01/20/26

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	7.89		8.00		98.6	70-130			

#### LCS (2604006-BS1)

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

#### Matrix Spike (2604006-MS1)

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.35	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130			
Toluene	5.31	0.0250	5.00	ND	106	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	7.96		8.00		99.5	70-130			

#### Matrix Spike Dup (2604006-MSD1)

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.64	0.0250	5.00	ND	113	70-130	5.26	27	
Ethylbenzene	5.44	0.0250	5.00	ND	109	70-130	4.95	26	
Toluene	5.59	0.0250	5.00	ND	112	70-130	5.07	20	
o-Xylene	5.49	0.0250	5.00	ND	110	70-130	5.21	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	4.87	23	
Total Xylenes	16.6	0.0250	15.0	ND	110	70-130	4.99	26	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:07:55PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604006-BLK1)**

Prepared: 01/19/26 Analyzed: 01/20/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.96		8.00		87.0	70-130			

**LCS (2604006-BS2)**

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

**Matrix Spike (2604006-MS2)**

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

**Matrix Spike Dup (2604006-MSD2)**

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	0.557	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:07:55PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604044-BLK1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			

**LCS (2604044-BS1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	251	25.0	250		101	66-144			
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.2	61-141			

**Matrix Spike (2604044-MS1)**

Source: E601130-06

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: <i>n</i> -Nonane	51.4		50.0		103	61-141			

**Matrix Spike Dup (2604044-MSD1)**

Source: E601130-06

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	0.0733	20	
Surrogate: <i>n</i> -Nonane	51.1		50.0		102	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:07:55PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604021-BLK1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride ND 20.0

**LCS (2604021-BS1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2604021-MS1)**

Source: E601141-03

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 278 20.0 250 ND 111 80-120

**Matrix Spike Dup (2604021-MSD1)**

Source: E601141-03

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 278 20.0 250 ND 111 80-120 0.00937 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/22/26 16:07
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001137		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										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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				
1107	1/15/2026	S	1	FS28 - 0.5'		1								X								

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, ihinkle@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						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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jarad McCauley</i>	1/16/26	7:11	<i>Michelle Gonzalez</i>	1-16-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzalez</i>	1-16-26	1345	<i>Nathan Gonzalez</i>	1-16-26	1345						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Nathan Gonzalez</i>	1-16-26	1815	<i>Jerry Cant</i>	1-16-26	1815						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jerry Cant</i>	1-16-26	2200	<i>Nee Soto</i>	1-19-26	0545						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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: 1/20/2026 10:29:58AM

#### 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: 01/19/26 05:45	Work Order ID: E601137
Phone: (972) 371-5200	Date Logged In: 01/16/26 13:35	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/23/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### Comments/Resolution

L-NS  
R-NV

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601138

Job Number: 23003-0002

Received: 1/19/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/22/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/22/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601138  
Date Received: 1/19/2026 5:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 5:45:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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**Michelle Gonzales**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/22/26 16:09
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS31-1'	E601138-01A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:09:20PM
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**FS31-1'**

**E601138-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2604006	
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.2 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2604006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.2 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2604044	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/20/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2604021	
Chloride	797	20.0	1	01/19/26	01/19/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:09:20PM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604006-BLK1)

Prepared: 01/19/26 Analyzed: 01/20/26

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	7.89		8.00		98.6	70-130			

#### LCS (2604006-BS1)

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

#### Matrix Spike (2604006-MS1)

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.35	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130			
Toluene	5.31	0.0250	5.00	ND	106	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	7.96		8.00		99.5	70-130			

#### Matrix Spike Dup (2604006-MSD1)

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.64	0.0250	5.00	ND	113	70-130	5.26	27	
Ethylbenzene	5.44	0.0250	5.00	ND	109	70-130	4.95	26	
Toluene	5.59	0.0250	5.00	ND	112	70-130	5.07	20	
o-Xylene	5.49	0.0250	5.00	ND	110	70-130	5.21	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	4.87	23	
Total Xylenes	16.6	0.0250	15.0	ND	110	70-130	4.99	26	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:09:20PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604006-BLK1)**

Prepared: 01/19/26 Analyzed: 01/20/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.96		8.00		87.0	70-130			

**LCS (2604006-BS2)**

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

**Matrix Spike (2604006-MS2)**

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

**Matrix Spike Dup (2604006-MSD2)**

Source: E601129-04

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	0.557	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:09:20PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604044-BLK1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			

**LCS (2604044-BS1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	251	25.0	250		101	66-144			
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.2	61-141			

**Matrix Spike (2604044-MS1)**

Source: E601130-06

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: <i>n</i> -Nonane	51.4		50.0		103	61-141			

**Matrix Spike Dup (2604044-MSD1)**

Source: E601130-06

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	0.0733	20	
Surrogate: <i>n</i> -Nonane	51.1		50.0		102	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 4:09:20PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604021-BLK1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride ND 20.0

**LCS (2604021-BS1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2604021-MS1)**

Source: E601141-03

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 278 20.0 250 ND 111 80-120

**Matrix Spike Dup (2604021-MSD1)**

Source: E601141-03

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 278 20.0 250 ND 111 80-120 0.00937 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/22/26 16:09
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>													
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001138		28607.0002								X		X									
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220				Phone: 575-988-0055		Email: agiovengo@ensolum.com																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																									
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																									
Miscellaneous:																													

Sample Information										Analysis and Method										EPA Program								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BEBOC - NM	BEBOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks	
1108	1/15/2026	S	1	FS31 - 1'				1								X										5.7		

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, igonzalezz@ensolum.com, ihinkle@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: <u>Jarad McCauley</u>										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: Ⓢ/N																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)			Date	Time																					
<i>Jarad McCauley</i>	1/16/26	7:11	<i>Michelle Gonzales</i>			1-16-26	0711																					
<i>Michelle Gonzales</i>	1-16-26	1345	<i>Nathan Gonzales</i>			1-16-26	1345																					
<i>Nathan Gonzales</i>	1-16-26	1815	<i>Shy Qto</i>			1-16-26	1815																					
<i>Shy Qto</i>	1-16-26	2200	<i>Nke Soto</i>			1-19-26	0545																					
<i>Nke Soto</i>																												

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: 1/20/2026 10:29:44AM

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: 01/19/26 05:45 Work Order ID: E601138
Phone: (972) 371-5200 Date Logged In: 01/16/26 13:37 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/23/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-NS and R-NV.

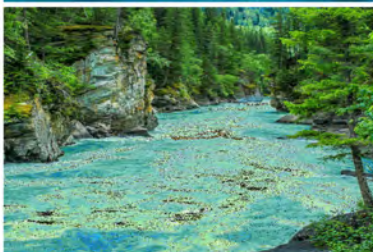
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601149

Job Number: 23003-0002

Received: 1/19/2026

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/29/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/29/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601149  
Date Received: 1/19/2026 5:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 5:45:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

Reported:

01/29/26 15:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05-0.5'	E601149-01A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS07-0.5'	E601149-02A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS08-0.5'	E601149-03A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS09-0.5'	E601149-04A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS10-0.5'	E601149-05A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS13-0.5'	E601149-06A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS19-1.5'	E601149-07A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS20-1.5'	E601149-08A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS21-1.5'	E601149-09A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS23-1'	E601149-10A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS25-0.5'	E601149-11A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS32-1'	E601149-12A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS33-1'	E601149-13A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS34-1'	E601149-14A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS41-1'	E601149-15A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS42-1'	E601149-16A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS45-0.5'	E601149-17A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS46-0.5'	E601149-18A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS47-0.5'	E601149-19A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS50-1.5'	E601149-20A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS52-1.5'	E601149-21A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS53-1'	E601149-22A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS54-1'	E601149-23A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS56-1'	E601149-24A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.
FS57-1'	E601149-25A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.



Case Narrative:

Project Name: Desoto Springs Recycling Pond

Workorder:E601149

Date Received: 01/19/26 05:45

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Analysis</u>
FS33-1'	E601149-13A	Chloride 300.0

The analytical test results summarized in this revised report represent this re-extraction and re-analysis.

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

Respectfully,

Walter Hinchman



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS05-0.5'**

**E601149-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2604051	
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2604051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2604057	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		94.5 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2604027	
Chloride	123	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS07-0.5'**

**E601149-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		92.0 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	221	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS08-0.5'**

**E601149-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.5 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		89.4 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	108	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS09-0.5'**

**E601149-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		88.7 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	309	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS10-0.5'**

**E601149-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		89.7 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	64.1	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS13-0.5'**

**E601149-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		87.6 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	154	20.0	1	01/20/26	01/20/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS19-1.5'**

**E601149-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.9 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		87.1 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	301	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS20-1.5'**

**E601149-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		88.9 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	58.5	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS21-1.5'**

**E601149-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.4 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		90.3 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	128	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS23-1'**

**E601149-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		92.9 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	119	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS25-0.5'**

**E601149-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		119 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		90.1 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	103	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS32-1'**

**E601149-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		89.3 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	290	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS33-1'**

**E601149-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		92.8 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605051
Chloride	450	20.0	1	01/27/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS34-1'**

**E601149-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		91.0 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	166	20.0	1	01/20/26	01/20/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS41-1'**

**E601149-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		87.6 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	58.6	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS42-1'**

**E601149-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/20/26	
<i>Surrogate: n-Nonane</i>		90.7 %	61-141	01/20/26	01/20/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	452	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS45-0.5'**

**E601149-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		92.3 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	238	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS46-0.5'**

**E601149-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		90.3 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	431	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS47-0.5'**

**E601149-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.2 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	180	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS50-1.5'**

**E601149-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Benzene	ND	0.0250	1	01/20/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/21/26	
Toluene	ND	0.0250	1	01/20/26	01/21/26	
o-Xylene	ND	0.0250	1	01/20/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	01/20/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604057
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		92.6 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2604027
Chloride	343	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS52-1.5'**

**E601149-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.6 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2604031
Chloride	396	20.0	1	01/19/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS53-1'**

**E601149-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		93.6 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2604031
Chloride	454	20.0	1	01/19/26	01/20/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS54-1'**

**E601149-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.2 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2604031
Chloride	475	20.0	1	01/19/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS56-1'**

**E601149-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.1 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2604031
Chloride	150	20.0	1	01/19/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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**FS57-1'**

**E601149-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.5 %	70-130	01/19/26	01/21/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2604061
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		96.2 %	61-141	01/20/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2604031
Chloride	410	20.0	1	01/19/26	01/20/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604019-BLK1)

Prepared: 01/19/26 Analyzed: 01/21/26

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	8.02		8.00		100	70-130			

#### LCS (2604019-BS1)

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	4.74	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130			
Toluene	4.81	0.0250	5.00		96.1	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		100	70-130			

#### Matrix Spike (2604019-MS1)

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.13	0.0250	5.00	ND	103	70-130			
Toluene	5.26	0.0250	5.00	ND	105	70-130			
o-Xylene	5.21	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

#### Matrix Spike Dup (2604019-MSD1)

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.47	0.0250	5.00	ND	109	70-130	5.82	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	5.77	26	
Toluene	5.58	0.0250	5.00	ND	112	70-130	5.97	20	
o-Xylene	5.52	0.0250	5.00	ND	110	70-130	5.72	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	5.64	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	5.67	26	
Surrogate: 4-Bromochlorobenzene-PID	8.17		8.00		102	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604051-BLK1)

Prepared: 01/20/26 Analyzed: 01/21/26

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	7.48		8.00		93.5	70-130			

#### LCS (2604051-BS1)

Prepared: 01/20/26 Analyzed: 01/21/26

Benzene	4.14	0.0250	5.00		82.9	70-130			
Ethylbenzene	3.93	0.0250	5.00		78.5	70-130			
Toluene	4.08	0.0250	5.00		81.7	70-130			
o-Xylene	4.00	0.0250	5.00		80.0	70-130			
p,m-Xylene	7.98	0.0500	10.0		79.8	70-130			
Total Xylenes	12.0	0.0250	15.0		79.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

#### Matrix Spike (2604051-MS1)

Source: E601149-11

Prepared: 01/20/26 Analyzed: 01/21/26

Benzene	4.77	0.0250	5.00	ND	95.3	70-130			
Ethylbenzene	4.66	0.0250	5.00	ND	93.1	70-130			
Toluene	4.80	0.0250	5.00	ND	96.0	70-130			
o-Xylene	4.76	0.0250	5.00	ND	95.2	70-130			
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.2	70-130			

#### Matrix Spike Dup (2604051-MSD1)

Source: E601149-11

Prepared: 01/20/26 Analyzed: 01/21/26

Benzene	4.69	0.0250	5.00	ND	93.7	70-130	1.70	27	
Ethylbenzene	4.60	0.0250	5.00	ND	92.1	70-130	1.12	26	
Toluene	4.73	0.0250	5.00	ND	94.6	70-130	1.52	20	
o-Xylene	4.71	0.0250	5.00	ND	94.1	70-130	1.13	25	
p,m-Xylene	9.38	0.0500	10.0	ND	93.8	70-130	1.01	23	
Total Xylenes	14.1	0.0250	15.0	ND	93.9	70-130	1.05	26	
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604019-BLK1)**

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

**LCS (2604019-BS2)**

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.7	70-130			

**Matrix Spike (2604019-MS2)**

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

**Matrix Spike Dup (2604019-MSD2)**

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.1	70-130	6.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604051-BLK1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			

**LCS (2604051-BS2)**

Prepared: 01/20/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.14		8.00		114	70-130			

**Matrix Spike (2604051-MS2)**

Source: E601149-11

Prepared: 01/20/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

**Matrix Spike Dup (2604051-MSD2)**

Source: E601149-11

Prepared: 01/20/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130	0.136	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604057-BLK1)**

Prepared: 01/20/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.2		50.0		90.4	61-141			

**LCS (2604057-BS1)**

Prepared: 01/20/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	44.2		50.0		88.5	61-141			

**Matrix Spike (2604057-MS1)**

Source: E601149-03

Prepared: 01/20/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	45.5		50.0		91.0	61-141			

**Matrix Spike Dup (2604057-MSD1)**

Source: E601149-03

Prepared: 01/20/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156	1.24	20	
Surrogate: n-Nonane	46.1		50.0		92.2	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604061-BLK1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.5		50.0		99.0	61-141			

**LCS (2604061-BS1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

**Matrix Spike (2604061-MS1)**

Source: E601152-02

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	326	25.0	250	69.0	103	56-156			
Surrogate: n-Nonane	53.7		50.0		107	61-141			

**Matrix Spike Dup (2604061-MSD1)**

Source: E601152-02

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	344	25.0	250	69.0	110	56-156	5.33	20	
Surrogate: n-Nonane	55.3		50.0		111	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604027-BLK1)**

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride ND 20.0

**LCS (2604027-BS1)**

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride 257 20.0 250 103 90-110

**Matrix Spike (2604027-MS1)**

Source: E601149-09

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride 356 20.0 250 128 91.5 80-120

**Matrix Spike Dup (2604027-MSD1)**

Source: E601149-09

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride 376 20.0 250 128 99.4 80-120 5.41 20



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604031-BLK1)**

Prepared: 01/19/26 Analyzed: 01/20/26

Chloride ND 20.0

**LCS (2604031-BS1)**

Prepared: 01/19/26 Analyzed: 01/20/26

Chloride 261 20.0 250 104 90-110

**Matrix Spike (2604031-MS1)**

Source: E601143-02

Prepared: 01/19/26 Analyzed: 01/20/26

Chloride 309 20.0 250 49.1 104 80-120

**Matrix Spike Dup (2604031-MSD1)**

Source: E601143-02

Prepared: 01/19/26 Analyzed: 01/20/26

Chloride 314 20.0 250 49.1 106 80-120 1.47 20



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:46:01PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605051-BLK1)**

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride ND 20.0

**LCS (2605051-BS1)**

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride 257 20.0 250 103 90-110

**Matrix Spike (2605051-MS1)**

Source: E601224-22

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride 549 20.0 250 292 103 80-120

**Matrix Spike Dup (2605051-MSD1)**

Source: E601224-22

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride 554 20.0 250 292 105 80-120 0.891 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/29/26 15:46
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001149		23003-000Z					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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		
																	Y	or	N	
																Compliance				
																PWSID #				
																Sample Temp			Remarks	
1051	1/15/2026	S	1	FS05 - 0.5'		1								X		4.9				
1053	1/15/2026	S	1	FS07 - 0.5'		2								X		4.7				
1054	1/15/2026	S	1	FS08 - 0.5'		3								X		3.1				
1055	1/15/2026	S	1	FS09 - 0.5'		4								X		3.3				
1053	1/15/2026	S	1	FS10 - 0.5'		5								X		3.1				
1058	1/15/2026	S	1	FS13 - 0.5'		6								X		4.9				
1100	1/15/2026	S	1	FS19 - 1.5'		7								X		3.8				
1102	1/15/2026	S	1	FS20 - 1.5'		8								X		4.9				
1103	1/15/2026	S	1	FS21 - 1.5'		9								X		3.6				
1104	1/15/2026	S	1	FS23 - 1'		10								X		3.3				

**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, igonzalez@ensolum.com, ihinkle@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: <u>Jarad McCauley</u>						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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jarad McCauley</i>	1/16/26	7:11	<i>Michelle Gonzales</i>	1-16-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	1-16-26	1345	<i>Nathan Gonzalez</i>	1-16-26	1345						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Nathan Gonzalez</i>	1-16-26	1515	<i>Eric Deit</i>	1-16-26	1515						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Eric Deit</i>	1-16-26	2200	<i>Noe Soto</i>	1-19-26	0545						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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.

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001149		29003-0002					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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
1105	1/15/2026	S	1	FS25 - 0.5'		11								X						
1109	1/15/2026	S	1	FS32 - 1'		12								X						
1111	1/15/2026	S	1	FS33 - 1'		13								X						
1112	1/15/2026	S	1	FS34 - 1'		14								X						
<del>1113</del>	<del>1/15/2026</del>	<del>S</del>	<del>1</del>	<del>FS36 - 1'</del>										<del>X</del>						
1115	1/15/2026	S	1	FS41 - 1'		15								X						
1117	1/15/2026	S	1	FS42 - 1'		16								X						
1118	1/15/2026	S	1	FS45 - 0.5'		17								X						
1119	1/15/2026	S	1	FS46 - 0.5'		18								X						
1120	1/15/2026	S	1	FS47 - 0.5'		19								X						

**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, igonzalez@ensolum.com, ihinkle@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) <i>Jarad McCauley</i>	Date 1/16/26	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 1-16-26	Time 0711	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.
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 1-16-26	Time 1345	Received by: (Signature) <i>Nathan Gonzales</i>	Date 1-16-26	Time 1345	
Relinquished by: (Signature) <i>Nathan Gonzales</i>	Date 1-16-26	Time 1815	Received by: (Signature) <i>Jerry Obit</i>	Date 1-16-26	Time 1815	
Relinquished by: (Signature) <i>Jerry Obit</i>	Date 1-16-26	Time 2200	Received by: (Signature) <i>Noe Soto</i>	Date 1-19-26	Time 0545	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001149		23003-002					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
1122	1/15/2026	S	1	FS50 - 1.5'		20								X						
1123	1/15/2026	S	1	FS52 - 1.5'		21								X						
1124	1/15/2026	S	1	FS53 - 1'		22								X						
1125	1/15/2026	S	1	FS54 - 1'		23								X						
1126	1/15/2026	S	1	FS56 - 1'		24								X						
1127	1/15/2026	S	1	FS57 - 1'		25								X						

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, lgonzalez@ensolum.com, ihinkle@ensolum.com, eplugge@ensolum.com

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Sampled by: Jarad McCauley

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.
<i>Jarad McCauley</i>	1/16/26	7:11	<i>Michelle Gonzales</i>	1-16-26	0711	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	1-16-26	1345	<i>Nathan Gonzalez</i>	1-16-26	1345	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Nathan Gonzalez</i>	1-16-26	1315	<i>Jay Soto</i>	1-16-26	1815	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
<i>Jay Soto</i>	1-16-26	2200	<i>Nathan Soto</i>	1-19-26	0545	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 1/20/2026 1:37:07PM

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: 01/19/26 05:45	Work Order ID: E601149
Phone: (972) 371-5200	Date Logged In: 01/16/26 14:16	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/23/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**Comments/Resolution**

L-NS  
R-NV

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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.

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>				
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001149		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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8160	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BEGOC - NM	BEGOC - TX	SDWA	CWA	RCRA		
1051	1/15/2026	S	1	FS05 - 0.5'		1								X						
1053	1/15/2026	S	1	FS07 - 0.5'		2								X						
1054	1/15/2026	S	1	FS08 - 0.5'		3								X						
1055	1/15/2026	S	1	FS09 - 0.5'		4								X						
1053	1/15/2026	S	1	FS10 - 0.5'		5								X						
1058	1/15/2026	S	1	FS13 - 0.5'		6								X						
1100	1/15/2026	S	1	FS19 - 1.5'		7								X						
1102	1/15/2026	S	1	FS20 - 1.5'		8								X						
1103	1/15/2026	S	1	FS21 - 1.5'		9								X						
1104	1/15/2026	S	1	FS23 - 1'		10								X						

*Sample 13  
CF re-extract + rerun requested  
by C. Hamilton  
1/26/20  
-RAS*

**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, igonzalez@ensolum.com, ihinkle@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) <i>Jarad McCauley</i>	Date: 1/16/26	Time: 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date: 1-16-26	Time: 0711	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. <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date: 1-16-26	Time: 1345	Received by: (Signature) <i>Nathan Gonzales</i>	Date: 1-16-26	Time: 1345	
Relinquished by: (Signature) <i>Nathan Gonzales</i>	Date: 1-16-26	Time: 1515	Received by: (Signature) <i>Jay Datt</i>	Date: 1-16-26	Time: 1515	
Relinquished by: (Signature) <i>Jay Datt</i>	Date: 1-16-26	Time: 2200	Received by: (Signature) <i>Noe Sato</i>	Date: 1-19-26	Time: 0545	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	

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.



Chain of Custody

<b>Client Information</b>		<b>Invoice Information</b>		<b>Lab Use Only</b>		<b>TAT</b>		<b>State</b>	
Client: Matador Production Company		Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std
Project Name: Desoto Springs Recycling Pond		Address: 3122 National Parks Hwy		E/20/149 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					Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BDOC - RM	BDOC - TX	SDWA	CWA	RCRA	
1105	1/15/2026	S	1	FS25 - 0.5'		11								X					
1109	1/15/2026	S	1	FS32 - 1'		12								X					
1111	1/15/2026	S	1	FS33 - 1'		13				X				X					
1112	1/15/2026	S	1	FS34 - 1'		14								X					
<del>1113</del>	<del>1/15/2026</del>	<del>S</del>	<del>1</del>	<del>FS36 - 1'</del>										<del>X</del>					
1115	1/15/2026	S	1	FS41 - 1'		15								X					
1117	1/15/2026	S	1	FS42 - 1'		16								X					
1118	1/15/2026	S	1	FS45 - 0.5'		17								X					
1119	1/15/2026	S	1	FS46 - 0.5'		18								X					
1120	1/15/2026	S	1	FS47 - 0.5'		19								X					

CR  
 Re-extract +  
 resin requested  
 by C. Hamilton  
 1/20/26  
 2AS

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, igonzalez@ensolum.com, lhinkle@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.

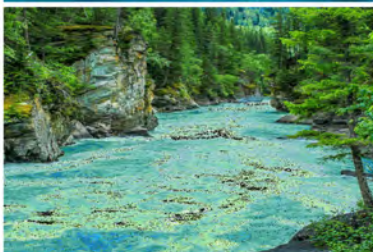
Sampled by: Jared McCauley						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jared McCauley</i>	1/16/26	7:11	<i>Michelle Gonzales</i>	1-16-26	0711						
<i>Michelle Gonzales</i>	1-16-26	1345	<i>Nathan Gonzales</i>	1-16-26	1345						
<i>Nathan Gonzales</i>	1-16-26	1815	<i>John Doe</i>	1-16-26	1815						
<i>John Doe</i>	1-16-26	2200	<i>Noe Soto</i>	1-19-26	0545						

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.

Client Information				Invoice Information				Lab Use Only				TAT				State													
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1601149		23003-602								X		X									
Project Manager: Ashley Giovenco				City, State, Zip: Carlsbad NM, 88220																									
Address: 3122 National Parks Hwy				Phone: 575-988-0055																									
City, State, Zip: Carlsbad NM, 88220				Email: agiovenco@ensolum.com																									
Phone: 575-988-0055				Miscellaneous:																									
Email: agiovenco@ensolum.com																													
Sample Information										Analysis and Method								EPA Program											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	FIELD	ELLTEL	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	CEQ 1005 - TX	RCRA 8 Metals	BEBOC - NM	BEBOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks			
1122	1/15/2026	S	1	FS50 - 1.5'			20									X									3.1	Cl-re-extract + ve run requested for sample 13 by C. Hamilton			
1123	1/15/2026	S	1	FS52 - 1.5'			21									X									3.3	1/26/26 - RAS			
1124	1/15/2026	S	1	FS53 - 1'			22									X									3.4				
1125	1/15/2026	S	1	FS54 - 1'			23									X									3.6				
1126	1/15/2026	S	1	FS56 - 1'			24									X									3.8				
1127	1/15/2026	S	1	FS57 - 1'			25									X									3.7				
Additional Instructions: Please CC: cburton@ensolum.com, agiovenco@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, imccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, ihinkle@ensolum.com, eplugge@ensolum.com																													
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Sampled by: <u>Jarad McCauley</u>																													
Relinquished by: (Signature)		Date		Time		Received 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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N											
<i>Jarad McCauley</i>		1/16/26		7:11		<i>Michelle Gonzales</i>		1-16-26		0711		<i>Michelle Gonzales</i>		1-16-26		0711													
<i>Michelle Gonzales</i>		1-16-26		1345		<i>Nathan Gonzales</i>		1-16-26		1345		<i>Nathan Gonzales</i>		1-16-26		1345													
<i>Nathan Gonzales</i>		1-16-26		1815		<i>Jay Webb</i>		1-16-26		1815		<i>Jay Webb</i>		1-16-26		1815													
<i>Jay Webb</i>		1-16-26		2200		<i>Ne Soto</i>		1-19-26		0545		<i>Ne Soto</i>		1-19-26		0545													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																													
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Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601161

Job Number: 23003-0002

Received: 1/19/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/26/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/26/26



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

Project Name: Desoto Springs Recycling Pond

Workorder: E601161

Date Received: 1/19/2026 8:40:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 8:40:00PM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**

Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 12:40
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS74-0'	E601161-01A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 12:40:40PM
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**FS74-0'**

**E601161-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604053
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604053
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2604062
Diesel Range Organics (C10-C28)	<b>109</b>	25.0	1	01/20/26	01/23/26	
Oil Range Organics (C28-C36)	<b>109</b>	50.0	1	01/20/26	01/23/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	01/20/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604064
Chloride	<b>6150</b>	100	5	01/20/26	01/21/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/26/2026 12:40:40PM
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#### 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 (2604053-BLK1)

Prepared: 01/20/26 Analyzed: 01/22/26

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	7.54		8.00		94.3	70-130			

#### LCS (2604053-BS1)

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	4.79	0.0250	5.00		95.7	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.1	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.17	0.0500	10.0		91.7	70-130			
Total Xylenes	13.8	0.0250	15.0		91.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

#### Matrix Spike (2604053-MS1)

Source: E601167-02

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	4.83	0.0250	5.00	ND	96.6	70-130			
Ethylbenzene	4.53	0.0250	5.00	ND	90.6	70-130			
Toluene	4.73	0.0250	5.00	ND	94.5	70-130			
o-Xylene	4.61	0.0250	5.00	ND	92.1	70-130			
p,m-Xylene	9.22	0.0500	10.0	ND	92.2	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			

#### Matrix Spike Dup (2604053-MSD1)

Source: E601167-02

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	5.16	0.0250	5.00	ND	103	70-130	6.62	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.3	70-130	6.13	26	
Toluene	5.04	0.0250	5.00	ND	101	70-130	6.35	20	
o-Xylene	4.90	0.0250	5.00	ND	98.1	70-130	6.25	25	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130	6.03	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	70-130	6.10	26	
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b>  1/26/2026 12:40:40PM
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#### 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 (2604053-BLK1)**

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

**LCS (2604053-BS2)**

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

**Matrix Spike (2604053-MS2)**

Source: E601167-02

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			

**Matrix Spike Dup (2604053-MSD2)**

Source: E601167-02

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130	1.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 12:40:40PM
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#### 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 (2604062-BLK1)**

Prepared: 01/20/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.9		50.0		104	61-141			

**LCS (2604062-BS1)**

Prepared: 01/20/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144			
Surrogate: n-Nonane	52.9		50.0		106	61-141			

**Matrix Spike (2604062-MS1)**

Source: E601156-01

Prepared: 01/20/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	55.5		50.0		111	61-141			

**Matrix Spike Dup (2604062-MSD1)**

Source: E601156-01

Prepared: 01/20/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	56-156	0.520	20	
Surrogate: n-Nonane	54.7		50.0		109	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 12:40:40PM
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#### 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 (2604064-BLK1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	ND	20.0							
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**LCS (2604064-BS1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	258	20.0	250		103	90-110			
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**Matrix Spike (2604064-MS1)**

Source: E601164-04

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	2170	20.0	250	1400	307	80-120			M4
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**Matrix Spike Dup (2604064-MSD1)**

Source: E601164-04

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	2100	20.0	250	1400	281	80-120	3.03	20	M4
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 12:40
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001101		23053-0522					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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				
1139	1/16/2026	S	1	FS74 - 0'		1								X								

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, jgonzalez@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										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.  <b>Lab Use Only</b> Received on ice: (Y) N									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Jarad McCauley</i>	1/19/26	7:11	<i>Michelle Gonzales</i>	1-19-26	6:11														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	1-19-26	1315	<i>Marissa Gonzales</i>	1-19-26	1315														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzales</i>	1-19-26	1710	<i>John Art</i>	1-19-26	1710														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>John Art</i>	1-19-26	2040	<i>Carli Man</i>	1-19-26	2040														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														

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: 1/20/2026 1:40:32PM

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: 01/19/26 20:40 Work Order ID: E601161
Phone: (972) 371-5200 Date Logged In: 01/19/26 15:02 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/26/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-CM and R-KH.

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601168

Job Number: 23003-0002

Received: 1/19/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/26/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/26/26



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

Project Name: Desoto Springs Recycling Pond

Workorder: E601168

Date Received: 1/19/2026 8:40:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 8:40:00PM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**

Laboratory Director  
Office: 505-632-1881  
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**Raina Schwanz**

Laboratory Administrator  
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**Michelle Gonzales**

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 13:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS139-1'	E601168-01A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS144-0.5'	E601168-02A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS146-0.5'	E601168-03A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS147-0'	E601168-04A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS149-1'	E601168-05A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS158-1'	E601168-06A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS159-1'	E601168-07A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS161-1'	E601168-08A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS163-1'	E601168-09A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS164-1'	E601168-10A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS165-1'	E601168-11A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS166-1'	E601168-12A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS169-1'	E601168-13A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS170-1'	E601168-14A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS171-1'	E601168-15A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS172-1'	E601168-16A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS173-1'	E601168-17A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS91-0.5'	E601168-18A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS97-0.5'	E601168-19A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS105-0.5'	E601168-20A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS106-0.5'	E601168-21A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS107-0.5'	E601168-22A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS108-0.5'	E601168-23A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS109-0.5'	E601168-24A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS110-0.5'	E601168-25A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS111-0.5'	E601168-26A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS115-0.5'	E601168-27A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS118-0.5'	E601168-28A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS121-0.5'	E601168-29A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS122-0.5'	E601168-30A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS128-0.5'	E601168-31A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS129-0.5'	E601168-32A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS130-0.5'	E601168-33A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS133-0.5'	E601168-34A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS136-1'	E601168-35A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS137-0.5'	E601168-36A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
FS138-1'	E601168-37A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.

### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS139-1'**  
**E601168-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.6 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2604068
Chloride	326	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS144-0.5'**

**E601168-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	285	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS146-0.5'**

**E601168-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		99.3 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	308	20.0	1	01/20/26	01/21/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS147-0'**

**E601168-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.3 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	4010	40.0	2	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS149-1'**  
**E601168-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.0 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	335	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS158-1'**

**E601168-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	73.1	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	391	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS159-1'**  
**E601168-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.7 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	404	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS161-1'**  
**E601168-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.6 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	268	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS163-1'**  
**E601168-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	99.7 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	37.4	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS164-1'**

**E601168-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.1 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	97.1 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	ND	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS165-1'**

**E601168-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	351	20.0	1	01/20/26	01/21/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS166-1'**

**E601168-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	57.3	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS169-1'**  
**E601168-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.0 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	57.8	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS170-1'**  
**E601168-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.6 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	96.8 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	39.5	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS171-1'**

**E601168-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	98.4 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	101	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS172-1'**

**E601168-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
	97.0 %	61-141		01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	91.6	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS173-1'**

**E601168-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		01/21/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	42.8	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS91-0.5'**

**E601168-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.1 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		01/21/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	188	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS97-0.5'**

**E601168-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/23/26	
<i>Surrogate: n-Nonane</i>		97.8 %	61-141	01/21/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	246	20.0	1	01/20/26	01/21/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS105-0.5'**

**E601168-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.8 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604076
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
	96.6 %	61-141		01/21/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2604068
Chloride	286	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS106-0.5'**

**E601168-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.9 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	235	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS107-0.5'**

**E601168-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.0 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	95.4	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS108-0.5'**

**E601168-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	210	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS109-0.5'**

**E601168-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	327	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS110-0.5'**

**E601168-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.7 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	ND	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS111-0.5'**

**E601168-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/22/26	
Toluene	ND	0.0250	1	01/20/26	01/22/26	
o-Xylene	ND	0.0250	1	01/20/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/20/26	01/22/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		95.3 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	145	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS115-0.5'**

**E601168-27**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>		99.2 %	61-141	01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604069
Chloride	263	20.0	1	01/20/26	01/20/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS118-0.5'**

**E601168-28**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	101 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/21/26	
<i>Surrogate: n-Nonane</i>						
	95.9 %	61-141		01/21/26	01/21/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604069
Chloride	171	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS121-0.5'**

**E601168-29**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604069
Chloride	152	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS122-0.5'**

**E601168-30**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	474	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS128-0.5'**

**E601168-31**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		97.7 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	55.7	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS129-0.5'**

**E601168-32**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		95.7 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604069
Chloride	167	20.0	1	01/20/26	01/20/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS130-0.5'**

**E601168-33**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	440	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS133-0.5'**

**E601168-34**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	56.3	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS136-1'**

**E601168-35**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	418	20.0	1	01/20/26	01/21/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS137-0.5'**

**E601168-36**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604069
Chloride	469	20.0	1	01/20/26	01/21/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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**FS138-1'**  
**E601168-37**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Benzene	ND	0.0250	1	01/20/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/20/26	01/23/26	
Toluene	ND	0.0250	1	01/20/26	01/23/26	
o-Xylene	ND	0.0250	1	01/20/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/20/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/20/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2604063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.5 %	70-130	01/20/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		98.1 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604069
Chloride	512	20.0	1	01/20/26	01/21/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/26/2026 1:26:50PM
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#### 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 (2604060-BLK1)

Prepared: 01/20/26 Analyzed: 01/22/26

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	8.86		8.00		111	70-130			

#### LCS (2604060-BS1)

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	4.82	0.0250	5.00		96.3	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.8	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.50	0.0500	10.0		95.0	70-130			
Total Xylenes	14.2	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.70		8.00		109	70-130			

#### Matrix Spike (2604060-MS1)

Source: E601168-08

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	5.30	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130			
Toluene	5.21	0.0250	5.00	ND	104	70-130			
o-Xylene	5.24	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			

#### Matrix Spike Dup (2604060-MSD1)

Source: E601168-08

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	5.18	0.0250	5.00	ND	104	70-130	2.30	27	
Ethylbenzene	5.01	0.0250	5.00	ND	100	70-130	1.96	26	
Toluene	5.11	0.0250	5.00	ND	102	70-130	2.00	20	
o-Xylene	5.14	0.0250	5.00	ND	103	70-130	1.83	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	2.02	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	1.96	26	
Surrogate: 4-Bromochlorobenzene-PID	8.79		8.00		110	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/26/2026 1:26:50PM
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#### 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 (2604063-BLK1)

Prepared: 01/20/26 Analyzed: 01/22/26

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	7.33		8.00		91.6	70-130			

#### LCS (2604063-BS1)

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	5.67	0.0250	5.00		113	70-130			
Ethylbenzene	5.41	0.0250	5.00		108	70-130			
Toluene	5.56	0.0250	5.00		111	70-130			
o-Xylene	5.41	0.0250	5.00		108	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.4	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

#### Matrix Spike (2604063-MS1)

Source: E601168-26

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	5.73	0.0250	5.00	ND	115	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.62	0.0250	5.00	ND	112	70-130			
o-Xylene	5.48	0.0250	5.00	ND	110	70-130			
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130			
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

#### Matrix Spike Dup (2604063-MSD1)

Source: E601168-26

Prepared: 01/20/26 Analyzed: 01/22/26

Benzene	5.94	0.0250	5.00	ND	119	70-130	3.60	27	
Ethylbenzene	5.68	0.0250	5.00	ND	114	70-130	3.94	26	
Toluene	5.83	0.0250	5.00	ND	117	70-130	3.71	20	
o-Xylene	5.69	0.0250	5.00	ND	114	70-130	3.77	25	
p,m-Xylene	11.6	0.0500	10.0	ND	116	70-130	3.87	23	
Total Xylenes	17.3	0.0250	15.0	ND	115	70-130	3.84	26	
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b>  1/26/2026 1:26:50PM
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#### 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 (2604060-BLK1)**

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.6	70-130			

**LCS (2604060-BS2)**

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.3	70-130			

**Matrix Spike (2604060-MS2)**

Source: E601168-08

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.65		8.00		83.1	70-130			

**Matrix Spike Dup (2604060-MSD2)**

Source: E601168-08

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	6.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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#### 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 (2604063-BLK1)**

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.1	70-130			

**LCS (2604063-BS2)**

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0		118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

**Matrix Spike (2604063-MS2)**

Source: E601168-26

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	58.7	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

**Matrix Spike Dup (2604063-MSD2)**

Source: E601168-26

Prepared: 01/20/26 Analyzed: 01/22/26

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	3.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.8	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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#### 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 (2604076-BLK1)**

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			

**LCS (2604076-BS1)**

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	251	25.0	250		100	66-144			
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

**Matrix Spike (2604076-MS1)**

Source: E601168-03

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	49.8		50.0		99.5	61-141			

**Matrix Spike Dup (2604076-MSD1)**

Source: E601168-03

Prepared: 01/21/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	0.125	20	
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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#### 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 (2604077-BLK1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.6		50.0		91.3	61-141			

**LCS (2604077-BS1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	250	25.0	250		100	66-144			
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			

**Matrix Spike (2604077-MS1)**

Source: E601168-27

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	274	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

**Matrix Spike Dup (2604077-MSD1)**

Source: E601168-27

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156	0.130	20	
Surrogate: n-Nonane	50.6		50.0		101	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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#### 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 (2604068-BLK1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	ND	20.0							
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**LCS (2604068-BS1)**

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	264	20.0	250		105	90-110			
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**Matrix Spike (2604068-MS1)**

Source: E601168-05

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	574	20.0	250	335	95.9	80-120			
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**Matrix Spike Dup (2604068-MSD1)**

Source: E601168-05

Prepared: 01/20/26 Analyzed: 01/21/26

Chloride	580	20.0	250	335	98.3	80-120	1.06	20	
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### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 1:26:50PM
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#### 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 (2604069-BLK1)**

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride	ND	20.0							
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**LCS (2604069-BS1)**

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride	251	20.0	250		100	90-110			
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**Matrix Spike (2604069-MS1)**

Source: E601168-25

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride	266	20.0	250	ND	106	80-120			
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**Matrix Spike Dup (2604069-MSD1)**

Source: E601168-25

Prepared: 01/20/26 Analyzed: 01/20/26

Chloride	266	20.0	250	ND	107	80-120	0.237	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 13:26
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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.



Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company Project Name: Desoto Springs Recycling Pond Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: aglovengo@ensolum.com	Company: Ensolum LLC Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous:	Lab WO# <b>E401168</b> Job Number <b>23063-0002</b>	1D 2D 3D Std X	NM CO UT TX X

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1119	1/16/2026	S	1	FS139 - 1'		1								X					
1122	1/16/2026	S	1	FS144 - 0.5'		2								X					
1120	1/16/2026	S	1	FS146 - 0.5'		3								X					
1126	1/16/2026	S	1	FS147 - 0'		4								X					
1128	1/16/2026	S	1	FS149 - 1'		5								X					
1130	1/16/2026	S	1	FS158 - 1'		6								X					
1132	1/16/2026	S	1	FS159 - 1'		7								X					
1133	1/16/2026	S	1	FS161 - 1'		8								X					
1135	1/16/2026	S	1	FS163 - 1'		9								X					
1134	1/16/2026	S	1	FS164 - 1'		10								X					

**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, igonzalez@ensolum.com, ihinkle@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: <u>Jarad McCauley</u>						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.  <b>Lab Use Only</b> Received on ice: (Y/N)
Relinquished by: (Signature) <i>af</i>	Date: 1/19/26	Time: 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date: 1-19-26	Time: 0711	
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date: 1-19-26	Time: 1315	Received by: (Signature) <i>Marissa Gonzales</i>	Date: 1-19-26	Time: 1315	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date: 1-19-26	Time: 1710	Received by: (Signature) <i>[Signature]</i>	Date: 1-19-26	Time: 1710	
Relinquished by: (Signature) <i>[Signature]</i>	Date: 1-19-26	Time: 2040	Received by: (Signature) <i>Carthman</i>	Date: 1-19-26	Time: 2040	

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.

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				Elaouille 8		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					Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BBDOC - NM	BBDOC - TX	SDWA	CWA	RCRA	
1136	1/16/2026	S	1	FS165 - 1'		11								X					
1138	1/16/2026	S	1	FS166 - 1'		12								X					
1141	1/16/2026	S	1	FS169 - 1'		13								X					
1143	1/16/2026	S	1	FS170 - 1'		14								X					
1144	1/16/2026	S	1	FS171 - 1'		15								X					
1142	1/16/2026	S	1	FS172 - 1'		16								X					
1145	1/16/2026	S	1	FS173 - 1'		17								X					

**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, igonzalez@ensolum.com, ihinkle@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						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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jarad McCauley</i>	1/19/26	7:11	<i>Michelle Gonzales</i>	1-19-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	1-19-26	1315	<i>Marissa Gonzales</i>	1-19-26	1315						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Marissa Gonzales</i>	1-19-26	1710	<i>John A. ...</i>	1-19-26	1710						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>John A. ...</i>	1-19-26	2040	<i>Carthman</i>	1-19-26	2040						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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.

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E001168		230530052					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		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BEBOC - NM	BEBOC - TX	SDWA	CWA	RCRA	
1050	1/16/2026	S	1	FS91 - 0.5'			18								X					
1052	1/16/2026	S	1	FS97 - 0.5'			19								X					
1053	1/16/2026	S	1	FS105 - 0.5'			20								X					
1054	1/16/2026	S	1	FS106 - 0.5'			21								X					
1057	1/16/2026	S	1	FS107 - 0.5'			22								X					
1058	1/16/2026	S	1	FS108 - 0.5'			23								X					
1059	1/16/2026	S	1	FS109 - 0.5'			24								X					
1100	1/16/2026	S	1	FS110 - 0.5'			25								X					
1101	1/16/2026	S	1	FS111 - 0.5'			26								X					
1103	1/16/2026	S	1	FS115 - 0.5'			27								X					

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, ihinkle@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										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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Jarad McCauley</i>	1/19/26	7:11	<i>Michelle Gonzales</i>	1-19-26	0711														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	1-19-26	1315	<i>Marissa Gonzales</i>	1-19-26	1315														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzales</i>	1-19-26	1710	<i>Jay Ad</i>	1-19-26	1710														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Jay Ad</i>	1-19-26	2040	<i>Scott Man</i>	1-19-26	2040														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E101168		2303-0002					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					Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1104	1/16/2026	S	1	FS118 - 0.5'		28								X					
1105	1/16/2026	S	1	FS121 - 0.5'		29								X					
1106	1/16/2026	S	1	FS122 - 0.5'		30								X					
1107	1/16/2026	S	1	FS128 - 0.5'		31								X					
1108	1/16/2026	S	1	FS129 - 0.5'		32								X					
1110	1/16/2026	S	1	FS130 - 0.5'		33								X					
1112	1/16/2026	S	1	FS133 - 0.5'		34								X					
1114	1/16/2026	S	1	FS136 - 1'		35								X					
1115	1/16/2026	S	1	FS137 - 0.5'		36								X					
1117	1/16/2026	S	1	FS138 - 1'		37								X					

**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, igonzalez@ensolum.com, ihinkle@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: <u>Jarad McCauley</u>						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.  <b>Lab Use Only</b> Received on ice: Y N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Jarad McCauley</i>	1/19/26	7:11	<i>Michelle Gonzales</i>	1-19-26	6711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	1-19-26	1315	<i>Marissa Gonzales</i>	1-19-26	1315						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Marissa Gonzales</i>	1-19-26	1710	<i>Shy Art</i>	1-19-26	1710						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Shy Art</i>	1-19-26	2040	<i>Colin Man</i>	1-19-26	2040						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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: 1/20/2026 1:43:37PM

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 Resources, LLC. Date Received: 01/19/26 20:40 Work Order ID: E601168
Phone: (972) 371-5200 Date Logged In: 01/19/26 15:14 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/26/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty rectangular box for client instruction.

Comments/Resolution

Large empty rectangular box for comments/resolution, containing text: L-CM, R-NS

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601184

Job Number: 23003-0002

Received: 1/21/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/26/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/26/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601184  
Date Received: 1/21/2026 7:45:19AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/21/2026 7:45:19AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 15:55
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04 - 0.5'	E601184-01A	Soil	01/19/26	01/21/26	Glass Jar, 2 oz.
FS06 - 0.5'	E601184-02A	Soil	01/19/26	01/21/26	Glass Jar, 2 oz.
FS151 - 1'	E601184-03A	Soil	01/19/26	01/21/26	Glass Jar, 2 oz.
FS152 - 1'	E601184-04A	Soil	01/19/26	01/21/26	Glass Jar, 2 oz.
FS160 - 1'	E601184-05A	Soil	01/19/26	01/21/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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**FS04 - 0.5'**

**E601184-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Benzene	ND	0.0250	1	01/21/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/21/26	01/23/26	
Toluene	ND	0.0250	1	01/21/26	01/23/26	
o-Xylene	ND	0.0250	1	01/21/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/21/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/21/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.6 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604080
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		89.9 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604090
Chloride	104	20.0	1	01/21/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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**FS06 - 0.5'**

**E601184-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Benzene	ND	0.0250	1	01/21/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/21/26	01/23/26	
Toluene	ND	0.0250	1	01/21/26	01/23/26	
o-Xylene	ND	0.0250	1	01/21/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/21/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/21/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.8 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604080
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		91.9 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604090
Chloride	190	20.0	1	01/21/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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**FS151 - 1'**

**E601184-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Benzene	ND	0.0250	1	01/21/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/21/26	01/23/26	
Toluene	ND	0.0250	1	01/21/26	01/23/26	
o-Xylene	ND	0.0250	1	01/21/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/21/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/21/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.1 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604080
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		94.3 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604090
Chloride	241	20.0	1	01/21/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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**FS152 - 1'**

**E601184-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Benzene	ND	0.0250	1	01/21/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/21/26	01/23/26	
Toluene	ND	0.0250	1	01/21/26	01/23/26	
o-Xylene	ND	0.0250	1	01/21/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/21/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/21/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604080
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		96.3 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604090
Chloride	232	20.0	1	01/21/26	01/22/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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**FS160 - 1'**

**E601184-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Benzene	ND	0.0250	1	01/21/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/21/26	01/23/26	
Toluene	ND	0.0250	1	01/21/26	01/23/26	
o-Xylene	ND	0.0250	1	01/21/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/21/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/21/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2604075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.2 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2604080
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		96.3 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604090
Chloride	371	20.0	1	01/21/26	01/22/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604075-BLK1)**

Prepared: 01/21/26 Analyzed: 01/23/26

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 (2604075-BS1)**

Prepared: 01/21/26 Analyzed: 01/23/26

Benzene	4.55	0.0250	5.00		91.0	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.5	70-130			
Toluene	4.47	0.0250	5.00		89.4	70-130			
o-Xylene	4.48	0.0250	5.00		89.7	70-130			
p,m-Xylene	8.95	0.0500	10.0		89.5	70-130			
Total Xylenes	13.4	0.0250	15.0		89.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.70		8.00		109	70-130			

**Matrix Spike (2604075-MS1)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	70-130			
Toluene	5.07	0.0250	5.00	ND	101	70-130			
o-Xylene	5.08	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.80		8.00		110	70-130			

**Matrix Spike Dup (2604075-MSD1)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Benzene	5.26	0.0250	5.00	ND	105	70-130	1.77	27	
Ethylbenzene	5.07	0.0250	5.00	ND	101	70-130	1.96	26	
Toluene	5.17	0.0250	5.00	ND	103	70-130	1.83	20	
o-Xylene	5.19	0.0250	5.00	ND	104	70-130	2.20	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	2.02	23	
Total Xylenes	15.5	0.0250	15.0	ND	104	70-130	2.08	26	
Surrogate: 4-Bromochlorobenzene-PID	8.79		8.00		110	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604075-BLK1)**

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.2	70-130			

**LCS (2604075-BS2)**

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.76		8.00		84.5	70-130			

**Matrix Spike (2604075-MS2)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		85.0	70-130			

**Matrix Spike Dup (2604075-MSD2)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	4.23	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.4	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604080-BLK1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.7		50.0		93.4	61-141			

**LCS (2604080-BS1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: <i>n</i> -Nonane	45.7		50.0		91.4	61-141			

**Matrix Spike (2604080-MS1)**

Source: E601187-02

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.5	61-141			

**Matrix Spike Dup (2604080-MSD1)**

Source: E601187-02

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156	1.23	20	
Surrogate: <i>n</i> -Nonane	49.2		50.0		98.5	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:55:34PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604090-BLK1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Chloride ND 20.0

**LCS (2604090-BS1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Chloride 259 20.0 250 104 90-110

**Matrix Spike (2604090-MS1)**

Source: E601171-03

Prepared: 01/21/26 Analyzed: 01/21/26

Chloride 285 100 250 ND 114 80-120

**Matrix Spike Dup (2604090-MSD1)**

Source: E601171-03

Prepared: 01/21/26 Analyzed: 01/21/26

Chloride 284 100 250 ND 114 80-120 0.418 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 15:55
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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.



<b>Client Information</b>		<b>Invoice Information</b>		<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company		Company: Ensolum LLC		Lab WO#	Job Number			1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond		Address: 3122 National Parks Hwy		E101189	2308 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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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 #																Sample Temp	Remarks			
1036	1/19/2026	S	1	FS04 - 0.5'		1								X					1.8	
1043	1/19/2026	S	1	FS06 - 0.5'		2								X					0.9	
1316	1/19/2026	S	1	FS151 - 1'		3								X					3.4	
1314	1/19/2026	S	1	FS152 - 1'		4								X					1.9	
1317	1/19/2026	S	1	FS160 - 1'		5								X					3.0	

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmcauley@ensolum.com, akone@ensolum.com, jgonzalez@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) <i>[Signature]</i>	Date: 1/20/26	Time: 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date: 1-20-26	Time: 0711	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.
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date: 1-20-26	Time: 1215	Received by: (Signature) <i>Marissa Gonzales</i>	Date: 1-20-26	Time: 1215	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date: 1-20-26	Time: 11:00	Received by: (Signature) <i>[Signature]</i>	Date: 1-20-26	Time: 1600	
Relinquished by: (Signature) <i>[Signature]</i>	Date: 1-20-26	Time: 1945	Received by: (Signature) <i>Keith Mar</i>	Date: 1-21-26	Time: 745	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> 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: 1/21/2026 9:23:57AM

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: 01/21/26 07:45	Work Order ID: E601184
Phone: (972) 371-5200	Date Logged In: 01/20/26 15:52	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 01/27/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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-NV

**Client Instruction**

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601203

Job Number: 23003-0002

Received: 1/22/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/28/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/28/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601203  
Date Received: 1/22/2026 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2026 8:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Client Representative  
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Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

**Reported:**

01/28/26 09:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS101-0.5'	E601203-01A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS102-0.5'	E601203-02A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS103-0.5'	E601203-03A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS104-0.5'	E601203-04A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS125-0.5'	E601203-05A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS126-0.5'	E601203-06A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS145-1'	E601203-07A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS167-1'	E601203-08A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS170-1'	E601203-09A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS174-1'	E601203-10A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS183-0.5'	E601203-11A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS184-1'	E601203-12A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS185-1'	E601203-13A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS186-0.5'	E601203-14A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS188-0.5'	E601203-15A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS192-0.5'	E601203-16A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS194-0.5'	E601203-17A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS195-0.5'	E601203-18A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS198-0.5'	E601203-19A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.
FS199-0.5'	E601203-20A	Soil	01/20/26	01/22/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS101-0.5'**

**E601203-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.6 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/22/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	325	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS102-0.5'**

**E601203-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	<b>0.0283</b>	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	<b>0.0283</b>	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/22/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/22/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	<b>121</b>	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS103-0.5'**

**E601203-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.2 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/22/26	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	01/22/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	308	20.0	1	01/22/26	01/22/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS104-0.5'**

**E601203-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.1 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	01/22/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	39.8	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS125-0.5'**

**E601203-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	01/22/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	123	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS126-0.5'**

**E601203-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.0 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/22/26	
<i>Surrogate: n-Nonane</i>						
		97.8 %	61-141	01/22/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	180	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS145-1'**

**E601203-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.2 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	117	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS167-1'**

**E601203-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.2 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	365	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS174-1'**

**E601203-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/23/26	
Toluene	ND	0.0250	1	01/22/26	01/23/26	
o-Xylene	ND	0.0250	1	01/22/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	01/22/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.4 %	70-130	01/22/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	190	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS183-0.5'**

**E601203-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.1 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		96.2 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	327	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS184-1'**

**E601203-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.5 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>		96.9 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	412	20.0	1	01/22/26	01/22/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS185-1'**

**E601203-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.5 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		96.8 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	82.5	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS186-0.5'**

**E601203-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.1 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.8 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		98.8 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	216	20.0	1	01/22/26	01/22/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS188-0.5'**

**E601203-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.5 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>		97.8 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	271	20.0	1	01/22/26	01/23/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS192-0.5'**

**E601203-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.0 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.0 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	485	20.0	1	01/22/26	01/23/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS194-0.5'**

**E601203-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.3 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.2 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		96.0 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	265	20.0	1	01/22/26	01/23/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS195-0.5'**

**E601203-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.7 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.6 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		95.3 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	223	20.0	1	01/22/26	01/23/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS198-0.5'**

**E601203-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>		97.0 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	228	20.0	1	01/22/26	01/23/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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**FS199-0.5'**

**E601203-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Benzene	ND	0.0250	1	01/22/26	01/24/26	
Ethylbenzene	ND	0.0250	1	01/22/26	01/24/26	
Toluene	ND	0.0250	1	01/22/26	01/24/26	
o-Xylene	ND	0.0250	1	01/22/26	01/24/26	
p,m-Xylene	ND	0.0500	1	01/22/26	01/24/26	
Total Xylenes	ND	0.0250	1	01/22/26	01/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.4 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604111
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/26	01/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	01/22/26	01/24/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/26	01/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/26	01/23/26	
<i>Surrogate: n-Nonane</i>						
		96.7 %	61-141	01/22/26	01/23/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2604119
Chloride	263	20.0	1	01/22/26	01/23/26	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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#### Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604111-BLK1)

Prepared: 01/22/26 Analyzed: 01/23/26

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	7.52		8.00		94.0	70-130			

#### LCS (2604111-BS1)

Prepared: 01/22/26 Analyzed: 01/23/26

Benzene	4.62	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.32	0.0250	5.00		86.4	70-130			
Toluene	4.51	0.0250	5.00		90.2	70-130			
o-Xylene	4.41	0.0250	5.00		88.2	70-130			
p,m-Xylene	8.81	0.0500	10.0		88.1	70-130			
Total Xylenes	13.2	0.0250	15.0		88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

#### Matrix Spike (2604111-MS1)

Source: E601203-10

Prepared: 01/22/26 Analyzed: 01/24/26

Benzene	4.94	0.0250	5.00	ND	98.8	70-130			
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	70-130			
Toluene	4.81	0.0250	5.00	ND	96.2	70-130			
o-Xylene	4.70	0.0250	5.00	ND	94.0	70-130			
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			

#### Matrix Spike Dup (2604111-MSD1)

Source: E601203-10

Prepared: 01/22/26 Analyzed: 01/24/26

Benzene	5.06	0.0250	5.00	ND	101	70-130	2.40	27	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	70-130	2.81	26	
Toluene	4.93	0.0250	5.00	ND	98.6	70-130	2.48	20	
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130	2.78	25	
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	70-130	2.80	23	
Total Xylenes	14.4	0.0250	15.0	ND	96.2	70-130	2.79	26	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604111-BLK1)**

Prepared: 01/22/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

**LCS (2604111-BS2)**

Prepared: 01/22/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

**Matrix Spike (2604111-MS2)**

Source: E601203-10

Prepared: 01/22/26 Analyzed: 01/24/26

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

**Matrix Spike Dup (2604111-MSD2)**

Source: E601203-10

Prepared: 01/22/26 Analyzed: 01/24/26

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	5.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604113-BLK1)**

Prepared: 01/22/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.3	61-141			

**LCS (2604113-BS1)**

Prepared: 01/22/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	239	25.0	250		95.5	66-144			
Surrogate: <i>n</i> -Nonane	48.4		50.0		96.8	61-141			

**Matrix Spike (2604113-MS1)**

Source: E601203-11

Prepared: 01/22/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: <i>n</i> -Nonane	48.9		50.0		97.8	61-141			

**Matrix Spike Dup (2604113-MSD1)**

Source: E601203-11

Prepared: 01/22/26 Analyzed: 01/22/26

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156	2.01	20	
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.6	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 9:03:57AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604119-BLK1)**

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride ND 20.0

**LCS (2604119-BS1)**

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2604119-MS1)**

Source: E601203-06

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride 467 20.0 250 180 115 80-120

**Matrix Spike Dup (2604119-MSD1)**

Source: E601203-06

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride 445 20.0 250 180 106 80-120 4.85 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/28/26 09:03
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State																																																																																																																																																																																																																																																									
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX																																																																																																																																																																																																																																																						
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E 601203		23003-0002					X	X																																																																																																																																																																																																																																																									
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="3">EPA Program</th> </tr> <tr> <th>DRO/ORO by 8015</th> <th>GRO/DRO by 8015</th> <th>BTEX by 8021</th> <th>VOC by 8260</th> <th>Chloride 300.0</th> <th>TCEQ 1005 - TX</th> <th>RCRA 8 Metals</th> <th>BGDOC - NM</th> <th>BGDOC - TX</th> <th>SDWA</th> <th>CWA</th> <th>RCRA</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td colspan="3">Compliance</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>PWSID #</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <th>Time Sampled</th> <th>Date Sampled</th> <th>Matrix</th> <th>No. of Containers</th> <th>Sample ID</th> <th>Field Filter</th> <th>Lab Number</th> <th>Sample Temp</th> <th>Remarks</th> <td colspan="3"></td> </tr> </thead> <tbody> <tr> <td>1020</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS101 - 0.5'</td> <td></td> <td>1</td> <td>4.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1024</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS102 - 0.5'</td> <td></td> <td>2</td> <td>4.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1028</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS103 - 0.5'</td> <td></td> <td>3</td> <td>4.9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1031</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS104 - 0.5'</td> <td></td> <td>4</td> <td>5.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1035</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS125 - 0.5'</td> <td></td> <td>5</td> <td>5.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1038</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS126 - 0.5'</td> <td></td> <td>6</td> <td>4.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1104</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS145 - 1'</td> <td></td> <td>7</td> <td>4.6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1017</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS167 - 1'</td> <td></td> <td>8</td> <td>5.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1018</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS170 - 1'</td> <td></td> <td>9</td> <td>5.1</td> <td>On Hold per Chad Walker</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1019</td> <td>1/20/2026</td> <td>S</td> <td>1</td> <td>FS174 - 1'</td> <td></td> <td>10</td> <td>5.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Analysis and Method								EPA Program			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												PWSID #	Y	or	N	Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	Sample Temp	Remarks				1020	1/20/2026	S	1	FS101 - 0.5'		1	4.3												1024	1/20/2026	S	1	FS102 - 0.5'		2	4.7												1028	1/20/2026	S	1	FS103 - 0.5'		3	4.9												1031	1/20/2026	S	1	FS104 - 0.5'		4	5.2												1035	1/20/2026	S	1	FS125 - 0.5'		5	5.0												1038	1/20/2026	S	1	FS126 - 0.5'		6	4.7												1104	1/20/2026	S	1	FS145 - 1'		7	4.6												1017	1/20/2026	S	1	FS167 - 1'		8	5.3												1018	1/20/2026	S	1	FS170 - 1'		9	5.1	On Hold per Chad Walker											1019	1/20/2026	S	1	FS174 - 1'		10	5.2											
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1038	1/20/2026	S	1	FS126 - 0.5'		6	4.7																																																																																																																																																																																																																																																																		
1104	1/20/2026	S	1	FS145 - 1'		7	4.6																																																																																																																																																																																																																																																																		
1017	1/20/2026	S	1	FS167 - 1'		8	5.3																																																																																																																																																																																																																																																																		
1018	1/20/2026	S	1	FS170 - 1'		9	5.1	On Hold per Chad Walker																																																																																																																																																																																																																																																																	
1019	1/20/2026	S	1	FS174 - 1'		10	5.2																																																																																																																																																																																																																																																																		

Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, igonzalezz@ensolum.com, ihinkle@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) <i>JM</i>	Date <u>1/21/26</u>	Time <u>7:11</u>	Received by: (Signature) <i>Michelle Gonzales</i>	Date <u>1-21-26</u>	Time <u>0711</u>
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date <u>1-21-26</u>	Time <u>1400</u>	Received by: (Signature) <i>Nathan Gonzales</i>	Date <u>1-21-26</u>	Time <u>1400</u>
Relinquished by: (Signature) <i>Nathan Gonzales</i>	Date <u>1-21-26</u>	Time <u>1740</u>	Received by: (Signature) <i>Robby Cook</i>	Date <u>1-21-26</u>	Time <u>1740</u>
Relinquished by: (Signature) <i>Robby Cook</i>	Date <u>1-21-26</u>	Time <u>2130</u>	Received by: (Signature) <i>Nae Sato</i>	Date <u>1-22-26</u>	Time <u>0830</u>
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: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601203		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 105 - TX	RCRA 8 Metals	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1030	1/20/2026	S	1	FS183 - 0.5'		11								X		5.3			
1032	1/20/2026	S	1	FS184 - 1'		12								X		5.4			
1033	1/20/2026	S	1	FS185 - 1'		13								X		5.6			
1034	1/20/2026	S	1	FS186 - 0.5'		14								X		4.8			
1035	1/20/2026	S	1	FS188 - 0.5'		15								X		4.7			
1039	1/20/2026	S	1	FS192 - 0.5'		16								X		4.6			
1042	1/20/2026	S	1	FS194 - 0.5'		17								X		5.0			
1043	1/20/2026	S	1	FS195 - 0.5'		18								X		5.4			
1046	1/20/2026	S	1	FS198 - 0.5'		19								X		5.3			
1049	1/20/2026	S	1	FS199 - 0.5'		20								X		5.2			
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, igonzalez@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	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. <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> N									
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
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: 1/22/2026 11:00:29AM

#### 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: 01/22/26 08:30	Work Order ID: E601203
Phone: (972) 371-5200	Date Logged In: 01/21/26 16:09	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/28/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

#### Comments/Resolution

L-NS  
R-NV

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601217

Job Number: 23003-0002

Received: 1/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/28/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/28/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601217  
Date Received: 1/23/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2026 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/28/26 16:03
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW11-0-6'	E601217-01A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
SW13-0-6'	E601217-02A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
SW12-0-6'	E601217-03A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
SW15-0-6'	E601217-04A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
SW18-0-5'	E601217-05A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
SW19-0-5'	E601217-06A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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**SW11-0-6'**

**E601217-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604146
Benzene	ND	0.0250	1	01/23/26	01/26/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/26/26	
Toluene	ND	0.0250	1	01/23/26	01/26/26	
o-Xylene	ND	0.0250	1	01/23/26	01/26/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/26/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		124 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604146
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2605016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2605022
Chloride	69.5	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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**SW13-0-6'**

**E601217-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Benzene	ND	0.0250	1	01/23/26	01/26/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/26/26	
Toluene	ND	0.0250	1	01/23/26	01/26/26	
o-Xylene	ND	0.0250	1	01/23/26	01/26/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/26/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		126 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	ND	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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**SW12-0-6'**

**E601217-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Benzene	ND	0.0250	1	01/23/26	01/26/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/26/26	
Toluene	ND	0.0250	1	01/23/26	01/26/26	
o-Xylene	ND	0.0250	1	01/23/26	01/26/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/26/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	140	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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**SW15-0-6'**

**E601217-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Benzene	ND	0.0250	1	01/23/26	01/26/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/26/26	
Toluene	ND	0.0250	1	01/23/26	01/26/26	
o-Xylene	ND	0.0250	1	01/23/26	01/26/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/26/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.6 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	34.9	20.0	1	01/26/26	01/26/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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**SW18-0-5'**

**E601217-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Benzene	ND	0.0250	1	01/23/26	01/26/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/26/26	
Toluene	ND	0.0250	1	01/23/26	01/26/26	
o-Xylene	ND	0.0250	1	01/23/26	01/26/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/26/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	ND	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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**SW19-0-5'**

**E601217-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Benzene	ND	0.0250	1	01/23/26	01/26/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/26/26	
Toluene	ND	0.0250	1	01/23/26	01/26/26	
o-Xylene	ND	0.0250	1	01/23/26	01/26/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/26/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604146
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	01/23/26	01/26/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	ND	20.0	1	01/26/26	01/26/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604146-BLK1)

Prepared: 01/23/26 Analyzed: 01/26/26

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	9.06		8.00		113	70-130			

#### LCS (2604146-BS1)

Prepared: 01/23/26 Analyzed: 01/26/26

Benzene	4.91	0.0250	5.00		98.2	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.08		8.00		114	70-130			

#### Matrix Spike (2604146-MS1)

Source: E601216-03

Prepared: 01/23/26 Analyzed: 01/26/26

Benzene	5.22	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.07	0.0250	5.00	ND	101	70-130			
Toluene	5.15	0.0250	5.00	ND	103	70-130			
o-Xylene	5.18	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.27		8.00		116	70-130			

#### Matrix Spike Dup (2604146-MSD1)

Source: E601216-03

Prepared: 01/23/26 Analyzed: 01/26/26

Benzene	4.98	0.0250	5.00	ND	99.7	70-130	4.64	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130	4.50	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	4.66	20	
o-Xylene	4.95	0.0250	5.00	ND	99.0	70-130	4.49	25	
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	70-130	4.53	23	
Total Xylenes	14.9	0.0250	15.0	ND	99.2	70-130	4.52	26	
Surrogate: 4-Bromochlorobenzene-PID	9.21		8.00		115	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604146-BLK1)**

Prepared: 01/23/26 Analyzed: 01/26/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

**LCS (2604146-BS2)**

Prepared: 01/23/26 Analyzed: 01/26/26

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

**Matrix Spike (2604146-MS2)**

Source: E601216-03

Prepared: 01/23/26 Analyzed: 01/26/26

Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

**Matrix Spike Dup (2604146-MSD2)**

Source: E601216-03

Prepared: 01/23/26 Analyzed: 01/26/26

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	7.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605016-BLK1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.9		50.0		91.9	61-141			

**LCS (2605016-BS1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	248	25.0	250		99.2	66-144			
Surrogate: <i>n</i> -Nonane	47.2		50.0		94.4	61-141			

**Matrix Spike (2605016-MS1)**

Source: E601216-04

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156			
Surrogate: <i>n</i> -Nonane	52.3		50.0		105	61-141			

**Matrix Spike Dup (2605016-MSD1)**

Source: E601216-04

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156	0.980	20	
Surrogate: <i>n</i> -Nonane	52.0		50.0		104	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/28/2026 4:03:54PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605022-BLK1)**

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride ND 20.0

**LCS (2605022-BS1)**

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride 262 20.0 250 105 90-110

**Matrix Spike (2605022-MS1)**

Source: E601218-27

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride 589 20.0 250 311 111 80-120

**Matrix Spike Dup (2605022-MSD1)**

Source: E601218-27

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride 548 20.0 250 311 94.5 80-120 7.23 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/28/26 16:03
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1601217		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										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 #			
																	Sample Temp			Remarks
1540	01-20-26	S	1	SW11-0-6'			1								X		3.2			
1544	01-21-26	S	1	SW13-0-6'			2								X		3.1			
1543		S	1	SW12-0-6'			3								X		1.4			
1546		S	1	SW15-0-6'			4								X		1.5			
1551		S	1	SW18-0-5'			5								X		1.2			
1554		S	1	SW19-0-5'			6								X		1.2			
		S	1												X					
		S	1												X					
		S	1												X					
		S	1												X					

**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, jgonzalez@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) <i>Jarad McCauley</i>	Date: 1/22/26	Time: 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date: 1-22-26	Time: 0711	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. <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> N
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date: 1-22-26	Time: 1600	Received by: (Signature) <i>Mariassa Gonzales</i>	Date: 1-22-26	Time: 1600	
Relinquished by: (Signature) <i>Mariassa Gonzales</i>	Date: 1-22-26	Time: 2015	Received by: (Signature) <i>Shirley</i>	Date: 1-22-26	Time: 2015	
Relinquished by: (Signature) <i>Shirley</i>	Date: 23-42	Time: 1-22-26	Received by: (Signature) <i>Caitlin Mann</i>	Date: 1-23-26	Time: 900	
Relinquished by: (Signature) <i>Caitlin Mann</i>	Date:	Time:	Received by: (Signature):	Date:	Time:	

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: 1/23/2026 10:24:57AM

#### 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: 01/23/26 07:00	Work Order ID: E601217
Phone: (972) 371-5200	Date Logged In: 01/22/26 16:12	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 01/29/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### Comments/Resolution

L-CM  
R-NV

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601218

Job Number: 23003-0002

Received: 1/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/29/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 1/29/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601218  
Date Received: 1/23/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2026 7:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

Reported:

01/29/26 15:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03-7'	E601218-01A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS48-0.5'	E601218-02A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS49-0.5'	E601218-03A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS68-0'	E601218-04A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS69-0'	E601218-05A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS70-0'	E601218-06A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS73-3'	E601218-07A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS79-3'	E601218-08A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS80-3'	E601218-09A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS81-0.5'	E601218-10A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS84-3'	E601218-11A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS85-3'	E601218-12A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS86-3'	E601218-13A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS89-3'	E601218-14A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS90-3'	E601218-15A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS94-3'	E601218-16A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS96-3'	E601218-17A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS98-3'	E601218-18A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS99-3'	E601218-19A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS113-0.5'	E601218-20A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS153-0'	E601218-21A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS168-1'	E601218-22A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS181-1'	E601218-23A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS182-0.5'	E601218-24A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS187-0.5'	E601218-25A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS190-1'	E601218-26A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS191-1'	E601218-27A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.
FS196-1'	E601218-28A	Soil	01/21/26	01/23/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS03-7'**

**E601218-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		89.3 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	199	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS48-0.5'**

**E601218-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	55.0	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	407	20.0	1	01/26/26	01/27/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS49-0.5'**

**E601218-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.5 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	63.6	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS68-0'**

**E601218-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.9 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	62.7	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		97.0 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	37800	2000	100	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS69-0'**

**E601218-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	324	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	251	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	43800	2000	100	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS70-0'**

**E601218-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	107	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	97.4	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	20400	400	20	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS73-3'**

**E601218-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	1820	100	5	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS79-3'**

**E601218-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.5 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		96.6 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	3760	40.0	2	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS80-3'**

**E601218-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.3 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	01/26/26	01/27/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	1020	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS81-0.5'**

**E601218-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	<b>0.0280</b>	0.0250	1	01/23/26	01/28/26	
Toluene	<b>0.0270</b>	0.0250	1	01/23/26	01/28/26	
o-Xylene	<b>0.0392</b>	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	<b>0.106</b>	0.0500	1	01/23/26	01/28/26	
Total Xylenes	<b>0.145</b>	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	<b>6890</b>	125	5	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	<b>3800</b>	250	5	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		91.3 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	<b>47600</b>	2000	100	01/26/26	01/27/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS84-3'**

**E601218-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.4 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	245	40.0	2	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS85-3'**

**E601218-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		96.9 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	793	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS86-3'**

**E601218-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.2 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		99.2 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	324	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS89-3'**

**E601218-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	50.2	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	1060	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS90-3'**

**E601218-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.2 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	153	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	91.9	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	237	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS94-3'**

**E601218-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.2 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	58.5	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	54.8	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		95.9 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	944	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS96-3'**

**E601218-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.7 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	598	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS98-3'**

**E601218-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.3 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		97.8 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	ND	20.0	1	01/26/26	01/27/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS99-3'**

**E601218-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	26.0	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	214	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS113-0.5'**

**E601218-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.9 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2604150
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2605020
Diesel Range Organics (C10-C28)	30.8	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605021
Chloride	173	20.0	1	01/26/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS153-0'**

**E601218-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		126 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	745	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	555	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		92.0 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	11700	200	10	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS168-1'**

**E601218-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		128 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		90.3 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	198	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS181-1'**

**E601218-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		127 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	59.3	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		89.1 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	373	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS182-0.5'**

**E601218-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		89.6 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	369	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS187-0.5'**

**E601218-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		127 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		91.9 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	313	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS190-1'**

**E601218-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		92.1 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	273	20.0	1	01/26/26	01/26/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS191-1'**

**E601218-27**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		127 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		89.9 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	311	20.0	1	01/26/26	01/26/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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**FS196-1'**

**E601218-28**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Benzene	ND	0.0250	1	01/23/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/23/26	01/28/26	
Toluene	ND	0.0250	1	01/23/26	01/28/26	
o-Xylene	ND	0.0250	1	01/23/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/23/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/23/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		127 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2604151
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	01/23/26	01/28/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2605029
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/28/26	
<i>Surrogate: n-Nonane</i>		92.3 %	61-141	01/26/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605022
Chloride	293	20.0	1	01/26/26	01/26/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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#### Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604150-BLK1)**

Prepared: 01/23/26 Analyzed: 01/27/26

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	7.27		8.00		90.9	70-130			

**LCS (2604150-BS1)**

Prepared: 01/23/26 Analyzed: 01/27/26

Benzene	4.55	0.0250	5.00		90.9	70-130			
Ethylbenzene	4.24	0.0250	5.00		84.9	70-130			
Toluene	4.42	0.0250	5.00		88.5	70-130			
o-Xylene	4.32	0.0250	5.00		86.3	70-130			
p,m-Xylene	8.68	0.0500	10.0		86.8	70-130			
Total Xylenes	13.0	0.0250	15.0		86.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			

**Matrix Spike (2604150-MS1)**

Source: E601218-11

Prepared: 01/23/26 Analyzed: 01/28/26

Benzene	4.83	0.0250	5.00	ND	96.6	70-130			
Ethylbenzene	4.51	0.0250	5.00	ND	90.3	70-130			
Toluene	4.70	0.0250	5.00	ND	94.1	70-130			
o-Xylene	4.59	0.0250	5.00	ND	91.9	70-130			
p,m-Xylene	9.22	0.0500	10.0	ND	92.2	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

**Matrix Spike Dup (2604150-MSD1)**

Source: E601218-11

Prepared: 01/23/26 Analyzed: 01/28/26

Benzene	5.07	0.0250	5.00	ND	101	70-130	4.97	27	
Ethylbenzene	4.74	0.0250	5.00	ND	94.9	70-130	4.96	26	
Toluene	4.94	0.0250	5.00	ND	98.8	70-130	4.87	20	
o-Xylene	4.83	0.0250	5.00	ND	96.5	70-130	4.91	25	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	70-130	4.81	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.7	70-130	4.84	26	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2604151-BLK1)

Prepared: 01/23/26 Analyzed: 01/27/26

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	10.4		8.00		130	70-130			

#### LCS (2604151-BS1)

Prepared: 01/23/26 Analyzed: 01/27/26

Benzene	4.20	0.0250	5.00		84.1	70-130			
Ethylbenzene	4.05	0.0250	5.00		80.9	70-130			
Toluene	4.14	0.0250	5.00		82.7	70-130			
o-Xylene	4.13	0.0250	5.00		82.7	70-130			
p,m-Xylene	8.28	0.0500	10.0		82.8	70-130			
Total Xylenes	12.4	0.0250	15.0		82.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	10.3		8.00		128	70-130			

#### Matrix Spike (2604151-MS1)

Source: E601219-05

Prepared: 01/23/26 Analyzed: 01/27/26

Benzene	4.52	0.0250	5.00	ND	90.3	70-130			
Ethylbenzene	4.34	0.0250	5.00	ND	86.8	70-130			
Toluene	4.44	0.0250	5.00	ND	88.9	70-130			
o-Xylene	4.43	0.0250	5.00	ND	88.6	70-130			
p,m-Xylene	8.87	0.0500	10.0	ND	88.7	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	10.0		8.00		125	70-130			

#### Matrix Spike Dup (2604151-MSD1)

Source: E601219-05

Prepared: 01/23/26 Analyzed: 01/28/26

Benzene	4.48	0.0250	5.00	ND	89.5	70-130	0.874	27	
Ethylbenzene	4.29	0.0250	5.00	ND	85.9	70-130	1.07	26	
Toluene	4.40	0.0250	5.00	ND	88.0	70-130	1.04	20	
o-Xylene	4.38	0.0250	5.00	ND	87.7	70-130	1.00	25	
p,m-Xylene	8.77	0.0500	10.0	ND	87.7	70-130	1.12	23	
Total Xylenes	13.2	0.0250	15.0	ND	87.7	70-130	1.08	26	
Surrogate: 4-Bromochlorobenzene-PID	10.0		8.00		125	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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#### 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 (2604150-BLK1)**

Prepared: 01/23/26 Analyzed: 01/27/26

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130		

**LCS (2604150-BS2)**

Prepared: 01/23/26 Analyzed: 01/27/26

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.1	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130		

**Matrix Spike (2604150-MS2)**

Source: E601218-11

Prepared: 01/23/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130		

**Matrix Spike Dup (2604150-MSD2)**

Source: E601218-11

Prepared: 01/23/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130	0.434	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130		



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604151-BLK1)**

Prepared: 01/23/26 Analyzed: 01/27/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

**LCS (2604151-BS2)**

Prepared: 01/23/26 Analyzed: 01/27/26

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.98		8.00		112	70-130			

**Matrix Spike (2604151-MS2)**

Source: E601219-05

Prepared: 01/23/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.06		8.00		113	70-130			

**Matrix Spike Dup (2604151-MSD2)**

Source: E601219-05

Prepared: 01/23/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	57.1	20.0	50.0	ND	114	70-130	2.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.03		8.00		113	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605020-BLK1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.5		50.0		93.0	61-141			

**LCS (2605020-BS1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	247	25.0	250		98.8	66-144			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			

**Matrix Spike (2605020-MS1)**

Source: E601218-06

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	335	25.0	250	107	91.1	56-156			
Surrogate: n-Nonane	48.9		50.0		97.7	61-141			

**Matrix Spike Dup (2605020-MSD1)**

Source: E601218-06

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	344	25.0	250	107	94.6	56-156	2.62	20	
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605029-BLK1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.5		50.0		86.9	61-141			

**LCS (2605029-BS1)**

Prepared: 01/26/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	45.9		50.0		91.8	61-141			

**Matrix Spike (2605029-MS1)**

Source: E601218-28

Prepared: 01/26/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	45.4		50.0		90.8	61-141			

**Matrix Spike Dup (2605029-MSD1)**

Source: E601218-28

Prepared: 01/26/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	1.27	20	
Surrogate: n-Nonane	45.1		50.0		90.2	61-141			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
---	---	---

#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605021-BLK1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Chloride	ND	20.0							
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**LCS (2605021-BS1)**

Prepared: 01/26/26 Analyzed: 01/27/26

Chloride	259	20.0	250		103	90-110			
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**Matrix Spike (2605021-MS1)**

Source: E601218-06

Prepared: 01/26/26 Analyzed: 01/27/26

Chloride	20500	400	250	20400	63.1	80-120			M4
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**Matrix Spike Dup (2605021-MSD1)**

Source: E601218-06

Prepared: 01/26/26 Analyzed: 01/27/26

Chloride	20800	400	250	20400	159	80-120	1.17	20	M4
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### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/29/2026 3:03:43PM
---	---	---

#### Anions by EPA 300.0/9056A

Analyst: TP

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

**Blank (2605022-BLK1)**

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride ND 20.0

**LCS (2605022-BS1)**

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride 262 20.0 250 105 90-110

**Matrix Spike (2605022-MS1)**

Source: E601218-27

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride 589 20.0 250 311 111 80-120

**Matrix Spike Dup (2605022-MSD1)**

Source: E601218-27

Prepared: 01/26/26 Analyzed: 01/26/26

Chloride 548 20.0 250 311 94.5 80-120 7.23 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/29/26 15:03
---	---	------------------------------------

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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E 6001218		2300-0002					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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO 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	
1250	01-21-26	S	1	FS03 - 7'			1								X					
1242		S	1	FS48 - 0.5'			2								X					
1243		S	1	FS49 - 0.5'			3								X					
1246		S	1	FS68 - 0'			4								X					
1247		S	1	FS69 - 0'			5								X					
1420		S	1	FS70 - 0'			6								X					
1423		S	1	FS73 - 3'			7								X					
1427		S	1	FS79 - 3'			8								X					
1429		S	1	FS80 - 3'			9								X					
1426		S	1	FS81 - 0.5'			10								X					

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, jgonzalez@ensolum.com, ihinkle@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.

Relinquished by: (Signature) <i>Jarad McCauley</i>						Date	1/22/26	Time	7:11	Received by: (Signature) <i>Michelle Gonzales</i>						Date	1-22-26	Time	0711	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
Relinquished by: (Signature) <i>Michelle Gonzales</i>						Date	1-22-26	Time	1600	Received by: (Signature) <i>Marissa Gonzales</i>						Date	1-22-26	Time	1600	
Relinquished by: (Signature) <i>Marissa Gonzales</i>						Date	1-22-26	Time	2015	Received by: (Signature) <i>Sybil</i>						Date	1-22-26	Time	2015	
Relinquished by: (Signature) <i>Sybil</i>						Date	1-22-26	Time	2342	Received by: (Signature) <i>Caitlin</i>						Date	1-23-26	Time	700	

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.

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E001218		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										Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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			
1316	01-21-26	S	1	F584-3'		11								X							
1431		S	1	F585-3'		12								X							
1238		S	1	F586-3'		13								X							
1425		S	1	F581-3'		14								X							
1255		S	1	F590-3'		15								X							
1424		S	1	F594-3'		16								X							
1227		S	1	F596-3'		17								X							
1322		S	1	F598-3'		18								X							
1231		S	1	F599-3'		19								X							
1416		S	1	F5113-0.5'		20								X							
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, ihinkle@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	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													
Michelle Gonzales		1-22-26	7:11	Michelle Gonzales		1-22-26	6:11														
Michelle Gonzales		1-22-26	1600	Marisasa Gonzales		1-22-26	1600														
Marisasa Gonzales		1-22-26	2015	[Signature]		1-22-26	2015														
[Signature]		1-22-26	2342	Cristina Navarro		1-23-26	700														
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.																					

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E1001218		2303-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			

Sample Information										Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1420	01-21-26	S	1	F5153-0'		21								X		3.2							
1403		S	1	F5168-1'		22								X		3.9							
1046		S	1	F5181-1'		23								X		3.0							
1102		S	1	F5182-0.5'		24								X		3.7							
1327		S	1	F5187-0.5'		25								X		3.7							
1143		S	1	F5190-1'		26								X		3.5							
1138		S	1	F5191-1'		27								X		3.3							
1136		S	1	F5196-1'		28								X		1.5							
		S	1											X									
		S	1											X									

Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@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						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: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	1/22/26	7:11	Michelle Gonzales	1-22-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	1-22-26	1600	Marissa Gonzales	1-22-26	1600						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzales	1-22-26	2015	<i>[Signature]</i>	1-22-26	2015						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	1-22-26	2342	Caitlin Mann	1-23-26	700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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: 1/23/2026 10:25:51AM

#### 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: 01/23/26 07:00	Work Order ID: E601218
Phone: (972) 371-5200	Date Logged In: 01/22/26 16:17	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 01/29/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

#### Comments/Resolution

L-CM  
R-NV

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601239

Job Number: 23003-0002

Received: 1/26/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/2/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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





Date Reported: 2/2/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E601239  
Date Received: 1/26/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/26/2026 8:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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**Southern New Mexico Area**

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

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

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Chain of Custody etc.

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**Sample Summary**

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

**Reported:**

02/02/26 11:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW05-0-3'	E601239-01A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW06-0-1'	E601239-02A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW08-0-1'	E601239-03A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW09-5-6'	E601239-04A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW10-0-6'	E601239-05A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW14-0-6'	E601239-06A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW16-0-5'	E601239-07A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW17-0-5'	E601239-08A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW20-0-3'	E601239-09A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW21-0-6'	E601239-10A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW24-0-3'	E601239-11A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW25-0-3'	E601239-12A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW27-0-1'	E601239-13A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.
SW28-0-1'	E601239-14A	Soil	01/22/26	01/26/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW05-0-3'**

**E601239-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2605031	
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2605031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2605077	
Diesel Range Organics (C10-C28)	31.4	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2605067	
Chloride	214	20.0	1	01/27/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW06-0-1'**

**E601239-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	3660	40.0	2	01/27/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW08-0-1'**

**E601239-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	91.6	20.0	1	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW09-5-6'**

**E601239-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	ND	20.0	1	01/27/26	01/28/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW10-0-6'**

**E601239-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	02/02/26	
Ethylbenzene	ND	0.0250	1	01/26/26	02/02/26	
Toluene	ND	0.0250	1	01/26/26	02/02/26	
o-Xylene	ND	0.0250	1	01/26/26	02/02/26	
p,m-Xylene	ND	0.0500	1	01/26/26	02/02/26	
Total Xylenes	ND	0.0250	1	01/26/26	02/02/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	01/26/26	02/02/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	02/02/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.2 %	70-130	01/26/26	02/02/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		93.3 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	194	20.0	1	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW14-0-6'**

**E601239-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		96.3 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	ND	20.0	1	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW16-0-5'**

**E601239-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		95.2 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	ND	20.0	1	01/27/26	01/27/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW17-0-5'**

**E601239-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		97.7 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	ND	20.0	1	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW20-0-3'**

**E601239-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	3540	40.0	2	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW21-0-6'**

**E601239-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/28/26	
<i>Surrogate: n-Nonane</i>		95.3 %	61-141	01/28/26	01/28/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	2370	40.0	2	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW24-0-3'**

**E601239-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/29/26	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	01/28/26	01/29/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	351	20.0	1	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW25-0-3'**

**E601239-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/29/26	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	01/28/26	01/29/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	51.0	20.0	1	01/27/26	01/28/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW27-0-1'**

**E601239-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/29/26	
<i>Surrogate: n-Nonane</i>		97.7 %	61-141	01/28/26	01/29/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	42.7	20.0	1	01/27/26	01/28/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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**SW28-0-1'**

**E601239-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2605031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	01/26/26	01/30/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605077
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/26	01/29/26	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	01/28/26	01/29/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2605067
Chloride	39.4	20.0	1	01/27/26	01/28/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605031-BLK1)**

Prepared: 01/26/26 Analyzed: 01/30/26

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	8.58		8.00		107	70-130			

**LCS (2605031-BS1)**

Prepared: 01/26/26 Analyzed: 01/30/26

Benzene	4.76	0.0250	5.00		95.2	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.8	70-130			
Toluene	4.69	0.0250	5.00		93.7	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130			
Total Xylenes	14.1	0.0250	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.51		8.00		106	70-130			

**Matrix Spike (2605031-MS1)**

Source: E601239-03

Prepared: 01/26/26 Analyzed: 01/30/26

Benzene	4.99	0.0250	5.00	ND	99.7	70-130			
Ethylbenzene	4.81	0.0250	5.00	ND	96.3	70-130			
Toluene	4.91	0.0250	5.00	ND	98.3	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.51		8.00		106	70-130			

**Matrix Spike Dup (2605031-MSD1)**

Source: E601239-03

Prepared: 01/26/26 Analyzed: 01/30/26

Benzene	4.94	0.0250	5.00	ND	98.8	70-130	0.908	27	
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	70-130	1.11	26	
Toluene	4.87	0.0250	5.00	ND	97.4	70-130	0.859	20	
o-Xylene	4.87	0.0250	5.00	ND	97.4	70-130	1.08	25	
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	70-130	1.16	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.2	70-130	1.13	26	
Surrogate: 4-Bromochlorobenzene-PID	8.47		8.00		106	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605031-BLK1)**

Prepared: 01/26/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

**LCS (2605031-BS2)**

Prepared: 01/26/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			

**Matrix Spike (2605031-MS2)**

Source: E601239-03

Prepared: 01/26/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	93.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

**Matrix Spike Dup (2605031-MSD2)**

Source: E601239-03

Prepared: 01/26/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130	2.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605077-BLK1)**

Prepared: 01/28/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.8		50.0		97.7	61-141			

**LCS (2605077-BS1)**

Prepared: 01/28/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	240	25.0	250		95.8	66-144			
Surrogate: <i>n</i> -Nonane	46.9		50.0		93.9	61-141			

**Matrix Spike (2605077-MS1)**

Source: E601239-08

Prepared: 01/28/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.4	56-156			
Surrogate: <i>n</i> -Nonane	46.5		50.0		93.1	61-141			

**Matrix Spike Dup (2605077-MSD1)**

Source: E601239-08

Prepared: 01/28/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.7	56-156	0.252	20	
Surrogate: <i>n</i> -Nonane	46.5		50.0		92.9	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/2/2026 11:21:16AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605067-BLK1)**

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride	ND	20.0							
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**LCS (2605067-BS1)**

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride	255	20.0	250		102	90-110			
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**Matrix Spike (2605067-MS1)**

Source: E601239-07

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride	261	20.0	250	ND	104	80-120			
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**Matrix Spike Dup (2605067-MSD1)**

Source: E601239-07

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride	260	20.0	250	ND	104	80-120	0.376	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/02/26 11:21
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Desoto Spring Recycling Pond				Address: 3122 National Parks Hwy				E1601239		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										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	
10:36	1/22/2026	S	1	SW05 - 0-3'			1								X					
10:38	1/22/2026	S	1	SW06 - 0-1'			2								X					
10:41	1/22/2026	S	1	SW08 - 0-1'			3								X					
14:30	1/22/2026	S	1	SW09 - 5-6'			4								X					
14:14	1/22/2026	S	1	SW10 - 0-6'			5								X					
14:28	1/22/2026	S	1	SW14 - 0-6'			6								X					
14:24	1/22/2026	S	1	SW16 - 0-5'			7								X					
14:23	1/22/2026	S	1	SW17 - 0-5'			8								X					
12:01	1/22/2026	S	1	SW20 - 0-3'			9								X					
12:08	1/22/2026	S	1	SW21 - 0-6'			10								X					

**Additional Instructions:** cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@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: Chad Humlton

Relinquished by: (Signature) 	Date 1/23/26	Time 7:11	Received by: (Signature) Michelle Gonzales	Date 1-23-26	Time 0711	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. <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature) Michelle Gonzales	Date 1-23-26	Time 1700	Received by: (Signature) Nathan Gonzalez	Date 1-23-26	Time 1700	
Relinquished by: (Signature) Nathan Gonzalez	Date 1-23-26	Time 2200	Received by: (Signature) Sly Ute	Date 1-23-26	Time 2200	
Relinquished by: (Signature) Sly Ute	Date 1-23-26	Time 0100	Received by: (Signature) Cathy Ma	Date 1-26-26	Time 800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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: 3/24/2026 2:03:18 PM

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Received by OCD: 3/23/2026 3:23:06 PM

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Desoto Spring Recycling Pond				Address: 3122 National Parks Hwy				E1001239		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										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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		
12:42	1/22/2026	S	1	SW24 - 0-3'		11								X						
12:44	1/22/2026	S	1	SW25 - 0-3'		12								X						
12:48	1/22/2026	S	1	SW27 - 0-1'		13								X						
12:50	1/22/2026	S	1	SW28 - 0-1'		14								X						

Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@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: <u>Chad Hamilton</u>						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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
	1/23/26	7:11	Michelle Gonzales	1-23-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	1-23-26	1700	Nathan Gonzalez	1-23-26	1700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Nathan Gonzalez	1-23-26	2200	Chad Hamilton	1-23-26	2200						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Chad Hamilton	1-23-26	0100	Michelle Gonzales	1-26-26	800						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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.

Page 1025 of 1248

Envirotech Analytical Laboratory

Printed: 1/26/2026 10:08:31AM

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: 01/26/26 08:00 Work Order ID: E601239
Phone: (972) 371-5200 Date Logged In: 01/23/26 17:14 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 01/30/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-CM and R-NV.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601262

Job Number: 23003-0002

Received: 1/29/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/3/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 2/3/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601262  
Date Received: 1/29/2026 6:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/29/2026 6:15:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
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[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/03/26 16:46
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS123-0'	E601262-01A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS148-0'	E601262-02A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS147-0'	E601262-03A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS140-0'	E601262-04A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS119-0'	E601262-05A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:46:00PM
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**FS123-0'**

**E601262-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2605095
Benzene	ND	0.0250	1	01/29/26	01/29/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/29/26	
Toluene	ND	0.0250	1	01/29/26	01/29/26	
o-Xylene	ND	0.0250	1	01/29/26	01/29/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/29/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	01/29/26	01/29/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2605095
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	01/29/26	01/29/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2605093
Diesel Range Organics (C10-C28)	69.4	25.0	1	01/29/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/26	01/29/26	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	01/29/26	01/29/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605096
Chloride	107	20.0	1	01/29/26	01/29/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:46:00PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605095-BLK1)**

Prepared: 01/29/26 Analyzed: 01/30/26

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	8.86		8.00		111	70-130			

**LCS (2605095-BS1)**

Prepared: 01/29/26 Analyzed: 01/30/26

Benzene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.5	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	5.04	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.70		8.00		109	70-130			

**Matrix Spike (2605095-MS1)**

Source: E601268-01

Prepared: 01/29/26 Analyzed: 01/30/26

Benzene	5.35	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.35	0.0250	5.00	ND	107	70-130			
o-Xylene	5.37	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.68		8.00		108	70-130			

**Matrix Spike Dup (2605095-MSD1)**

Source: E601268-01

Prepared: 01/29/26 Analyzed: 01/30/26

Benzene	5.08	0.0250	5.00	ND	102	70-130	5.15	27	
Ethylbenzene	5.00	0.0250	5.00	ND	100	70-130	4.94	26	
Toluene	5.07	0.0250	5.00	ND	101	70-130	5.34	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	4.67	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	4.95	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	4.86	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:46:00PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605095-BLK1)**

Prepared: 01/29/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

**LCS (2605095-BS2)**

Prepared: 01/29/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

**Matrix Spike (2605095-MS2)**

Source: E601268-01

Prepared: 01/29/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

**Matrix Spike Dup (2605095-MSD2)**

Source: E601268-01

Prepared: 01/29/26 Analyzed: 01/30/26

Gasoline Range Organics (C6-C10)	57.2	20.0	50.0	ND	114	70-130	2.20	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:46:00PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605093-BLK1)**

Prepared: 01/29/26 Analyzed: 01/29/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.2		50.0		94.3	61-141			

**LCS (2605093-BS1)**

Prepared: 01/29/26 Analyzed: 01/29/26

Diesel Range Organics (C10-C28)	242	25.0	250		96.9	66-144			
Surrogate: <i>n</i> -Nonane	47.7		50.0		95.5	61-141			

**Matrix Spike (2605093-MS1)**

Source: E601260-01

Prepared: 01/29/26 Analyzed: 01/29/26

Diesel Range Organics (C10-C28)	275	25.0	250	25.2	100	56-156			
Surrogate: <i>n</i> -Nonane	51.0		50.0		102	61-141			

**Matrix Spike Dup (2605093-MSD1)**

Source: E601260-01

Prepared: 01/29/26 Analyzed: 01/29/26

Diesel Range Organics (C10-C28)	282	25.0	250	25.2	103	56-156	2.31	20	
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:46:00PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605096-BLK1)**

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride ND 20.0

**LCS (2605096-BS1)**

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2605096-MS1)**

Source: E601261-06

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride 251 20.0 250 ND 100 80-120

**Matrix Spike Dup (2605096-MSD1)**

Source: E601261-06

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride 251 20.0 250 ND 101 80-120 0.141 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/03/26 16:46
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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.



Client Information				Invoice Information				Lab Use Only				TAT			State								
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601262		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										Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1158	1/27/2026	S	1	FS123 - 0'		1								X		S.5							
1149	1/27/2026	S	1	FS148 - 0'		2								X		S.4							
1149	1/27/2026	S	1	FS147 - 0'		3								X		S.1							Do not run for BGDOC unless FS148 is <100TPH
1157	1/27/2026	S	1	FS140 - 0'		4								X		S.7							Do not run for BGDOC unless FS148 is <100TPH
1159	1/27/2026	S	1	FS119 - 0'		5								X		S.6							Do not run for BGDOC unless FS148 is <100TPH
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, jgonzalez@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		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: <input checked="" type="radio"/> Y <input type="radio"/> N											
<i>Jarad McCauley</i>		1/28/26		7:11		<i>Michelle Gonzales</i>		1-28-26		0711													
<i>Michelle Gonzales</i>		1-28-26		1400		<i>Mariassa Gonzales</i>		1-28-26		1400													
<i>Mariassa Gonzales</i>		1-28-26		1755		<i>Johnny Archuleta</i>		1-28-26		1755													
<i>Johnny Archuleta</i>		1-28-26		2140		<i>Noe Soto</i>		1-29-26		0615													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
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: 1/29/2026 7:53:22AM

#### 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: 01/29/26 06:15	Work Order ID: E601262
Phone: (972) 371-5200	Date Logged In: 01/28/26 14:16	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 02/04/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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- Rush TPH for samples 1&2. Samples 3-5 Do not run for BGDOC unless <100 TPH.  
L-NS  
R-NV

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

Date



envirotech Inc.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601262		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												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1158	1/27/2026	S	1	FS123 - 0'		1								X		5.5			Rush TPH 1 Day TAT, 5 Day CL
<del>1149</del>	<del>1/27/2026</del>	<del>S</del>	<del>1</del>	<del>FS148 - 0'</del>		<del>2</del>								X		<del>5.4</del>			<del>Rush TPH 1 Day TAT, 5 Day CL</del>
<del>1149</del>	<del>1/27/2026</del>	<del>S</del>	<del>1</del>	<del>FS147 - 0'</del>		<del>3</del>								X		5.1			Do not run for BGDOC unless FS148 is <100TPH
<del>1157</del>	<del>1/27/2026</del>	<del>S</del>	<del>1</del>	<del>FS140 - 0'</del>		<del>4</del>								X		5.7			Do not run for BGDOC unless FS148 is <100TPH
<del>1159</del>	<del>1/27/2026</del>	<del>S</del>	<del>1</del>	<del>FS119 - 0'</del>		<del>5</del>								X		5.6			Do not run for BGDOC unless FS148 is <100TPH
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, igonzalez@ensolum.com, ihinkle@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: <u>Jarad McCauley</u>																			
<b>Cancelled Samples 2-5 per CH. 1/29/20 CM</b>																			
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.													
<i>Jarad McCauley</i>	1/28/26	7:11	<i>Michelle Gonzales</i>	1-28-26	0711														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	1-28-26	1400	<i>Marissa Gonzales</i>	1-28-26	1400														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzales</i>	1-28-26	1755	<i>Johnny Archuleta</i>	1-28-26	1755														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
<i>Johnny Archuleta</i>	1-28-26	2140	<i>Nae Soto</i>	1-29-26	0615														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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.																			

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E601265

Job Number: 23003-0002

Received: 1/29/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/3/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/3/26

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



Project Name: Desoto Springs Recycling Pond  
Workorder: E601265  
Date Received: 1/29/2026 6:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/29/2026 6:15:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/03/26 16:49
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS31-1'	E601265-01A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS33-1'	E601265-02A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS100-0.5'	E601265-03A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS156-0.5'	E601265-04A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS175-1'	E601265-05A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS177-1'	E601265-06A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS178-1'	E601265-07A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS179-1'	E601265-08A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
FS197-1'	E601265-09A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.
SW29-0-1'	E601265-10A	Soil	01/27/26	01/29/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS31-1'**

**E601265-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.5 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2605103
Chloride	122	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS100-0.5'**

**E601265-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	380	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS156-0.5'**

**E601265-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	107	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS175-1'**

**E601265-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	36.2	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS177-1'**

**E601265-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		108 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	ND	20.0	1	01/29/26	01/29/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS178-1'**

**E601265-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	381	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS179-1'**

**E601265-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.2 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	366	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**FS197-1'**

**E601265-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	746	20.0	1	01/29/26	01/29/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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**SW29-0-1'**

**E601265-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Benzene	ND	0.0250	1	01/29/26	01/31/26	
Ethylbenzene	ND	0.0250	1	01/29/26	01/31/26	
Toluene	ND	0.0250	1	01/29/26	01/31/26	
o-Xylene	ND	0.0250	1	01/29/26	01/31/26	
p,m-Xylene	ND	0.0500	1	01/29/26	01/31/26	
Total Xylenes	ND	0.0250	1	01/29/26	01/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2605097
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/26	01/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/29/26	01/31/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2605115
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/26	01/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/26	01/30/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/30/26	01/30/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2605103
Chloride	47.8	20.0	1	01/29/26	01/29/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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#### Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605097-BLK1)**

Prepared: 01/29/26 Analyzed: 01/31/26

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	7.43		8.00		92.9	70-130			

**LCS (2605097-BS1)**

Prepared: 01/29/26 Analyzed: 01/31/26

Benzene	4.21	0.0250	5.00		84.3	70-130			
Ethylbenzene	4.08	0.0250	5.00		81.7	70-130			
Toluene	4.21	0.0250	5.00		84.2	70-130			
o-Xylene	4.18	0.0250	5.00		83.7	70-130			
p,m-Xylene	8.34	0.0500	10.0		83.4	70-130			
Total Xylenes	12.5	0.0250	15.0		83.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			

**Matrix Spike (2605097-MS1)**

Source: E601265-05

Prepared: 01/29/26 Analyzed: 01/31/26

Benzene	4.44	0.0250	5.00	ND	88.8	70-130			
Ethylbenzene	4.32	0.0250	5.00	ND	86.3	70-130			
Toluene	4.44	0.0250	5.00	ND	88.9	70-130			
o-Xylene	4.41	0.0250	5.00	ND	88.1	70-130			
p,m-Xylene	8.81	0.0500	10.0	ND	88.1	70-130			
Total Xylenes	13.2	0.0250	15.0	ND	88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

**Matrix Spike Dup (2605097-MSD1)**

Source: E601265-05

Prepared: 01/29/26 Analyzed: 01/31/26

Benzene	4.24	0.0250	5.00	ND	84.9	70-130	4.56	27	
Ethylbenzene	4.14	0.0250	5.00	ND	82.9	70-130	4.07	26	
Toluene	4.26	0.0250	5.00	ND	85.3	70-130	4.17	20	
o-Xylene	4.23	0.0250	5.00	ND	84.6	70-130	4.10	25	
p,m-Xylene	8.48	0.0500	10.0	ND	84.8	70-130	3.80	23	
Total Xylenes	12.7	0.0250	15.0	ND	84.7	70-130	3.90	26	
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605097-BLK1)**

Prepared: 01/29/26 Analyzed: 01/31/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			

**LCS (2605097-BS2)**

Prepared: 01/29/26 Analyzed: 01/31/26

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			

**Matrix Spike (2605097-MS2)**

Source: E601265-05

Prepared: 01/29/26 Analyzed: 01/31/26

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			

**Matrix Spike Dup (2605097-MSD2)**

Source: E601265-05

Prepared: 01/29/26 Analyzed: 01/31/26

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130	0.729	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605115-BLK1)**

Prepared: 01/30/26 Analyzed: 01/30/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.9		50.0		102	61-141			

**LCS (2605115-BS1)**

Prepared: 01/30/26 Analyzed: 01/30/26

Diesel Range Organics (C10-C28)	224	25.0	250		89.6	66-144			
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			

**Matrix Spike (2605115-MS1)**

Source: E601265-03

Prepared: 01/30/26 Analyzed: 01/30/26

Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	56-156			
Surrogate: <i>n</i> -Nonane	54.0		50.0		108	61-141			

**Matrix Spike Dup (2605115-MSD1)**

Source: E601265-03

Prepared: 01/30/26 Analyzed: 01/30/26

Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.7	56-156	2.84	20	
Surrogate: <i>n</i> -Nonane	53.7		50.0		107	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/3/2026 4:49:43PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2605103-BLK1)**

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride	ND	20.0							
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**LCS (2605103-BS1)**

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride	258	20.0	250		103	90-110			
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**Matrix Spike (2605103-MS1)**

Source: E601265-03

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride	656	20.0	250	380	110	80-120			
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**Matrix Spike Dup (2605103-MSD1)**

Source: E601265-03

Prepared: 01/29/26 Analyzed: 01/29/26

Chloride	649	20.0	250	380	108	80-120	0.996	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/03/26 16:49
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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.



Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company Project Name: Desoto Springs Recycling Pond Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com	Company: Ensolum LLC Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous:	Lab WO# <b>E601265</b> Job Number <b>23003-0002</b>	1D 2D 3D Std X	NM CO UT TX X

Sample Information					Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	
1154	1/27/2026	S	1	FS31 - 1'		1								X		5.1			
1152	1/27/2026	S	1	FS33 - 1'		2								X		5.6			
1149	1/27/2026	S	1	FS100 - 0.5'		3								X		5.4			
1110	1/27/2026	S	1	FS156 - 0.5'		4								X		5.0			
1102	1/27/2026	S	1	FS175 - 1'		5								X		5.3			
1104	1/27/2026	S	1	FS177 - 1'		6								X		4.9			
1055	1/27/2026	S	1	FS178 - 1'		7								X		5.2			
1102	1/27/2026	S	1	FS179 - 1'		8								X		5.5			
1051	1/27/2026	S	1	FS197 - 1'		9								X		5.2			
1253	1/27/2026			SW29 - 0 - 1'		10								X		5.4			

**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: <u>Jarad McCauley</u>					
Relinquished by: (Signature) <i>Jarad McCauley</i>	Date 1/28/26	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 1-28-26	Time 0711
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 1-28-26	Time 1400	Received by: (Signature) <i>Marissa Gonzales</i>	Date 1-28-26	Time 1400
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 1-28-26	Time 1755	Received by: (Signature) <i>Johnny Archuleta</i>	Date 1-28-26	Time 1755
Relinquished by: (Signature) <i>Johnny Archuleta</i>	Date 1-28-26	Time 2140	Received by: (Signature) <i>Noe Seo</i>	Date 1-29-26	Time 0615
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: 1/29/2026 7:59:55AM

**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: 01/29/26 06:15	Work Order ID: E601265
Phone: (972) 371-5200	Date Logged In: 01/28/26 14:39	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 02/04/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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.

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>													
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E601265		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										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		
1154	1/27/2026	S	1	FS31 - 1'		1								X						
<del>1152</del>	<del>1/27/2026</del>	<del>S</del>	<del>1</del>	<del>FS33 - 1'</del>		<del>2</del>								X						
1149	1/27/2026	S	1	FS100 - 0.5'		3								X						
1110	1/27/2026	S	1	FS156 - 0.5'		4								X						
1102	1/27/2026	S	1	FS175 - 1'		5								X						
1104	1/27/2026	S	1	FS177 - 1'		6								X						
1055	1/27/2026	S	1	FS178 - 1'		7								X						
1102	1/27/2026	S	1	FS179 - 1'		8								X						
1051	1/27/2026	S	1	FS197 - 1'		9								X						
1253	1/27/2026			SW29 - 0 - 1'		10								X						

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, jgonzalez@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	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.
<i>Jarad McCauley</i>	1/28/26	7:11	<i>Michelle Gonzales</i>	1-28-26	0711	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	1-28-26	1400	<i>Marissa Gonzales</i>	1-28-26	1400	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Marissa Gonzales</i>	1-28-26	1755	<i>Johnny Archuleta</i>	1-28-26	1755	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>Johnny Archuleta</i>	1-28-26	2140	<i>Nae Seo</i>	1-29-26	0615	Received on ice:
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	<input checked="" type="radio"/> Y <input type="radio"/> 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.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E602018

Job Number: 23003-0002

Received: 2/4/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/10/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/10/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E602018  
Date Received: 2/4/2026 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/4/2026 8:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 12:38
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH23 - 3.5'	E602018-01A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH23 - 4'	E602018-02A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH22 - 4'	E602018-03A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH22 - 5'	E602018-04A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH22 - 6'	E602018-05A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH22 - 7'	E602018-06A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH22 - 8'	E602018-07A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
BH22 - 9'	E602018-08A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH23 - 3.5'**

**E602018-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.8 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.8 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	1520	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH23 - 4'**

**E602018-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.5 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>						
		99.0 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	269	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH22 - 4'**

**E602018-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.0 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	1020	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH22 - 5'**

**E602018-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>		99.3 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	956	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH22 - 6'**

**E602018-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	1300	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH22 - 7'**

**E602018-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.3 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	2370	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH22 - 8'**

**E602018-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	1290	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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**BH22 - 9'**

**E602018-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	298	20.0	1	02/04/26	02/04/26	





### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606066-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

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	7.45		8.00		93.2	70-130			

**LCS (2606066-BS1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.67	0.0250	5.00		93.4	70-130			
Ethylbenzene	4.34	0.0250	5.00		86.9	70-130			
Toluene	4.54	0.0250	5.00		90.8	70-130			
o-Xylene	4.44	0.0250	5.00		88.7	70-130			
p,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.3	0.0250	15.0		88.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

**Matrix Spike (2606066-MS1)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.93	0.0250	5.00	ND	98.6	70-130			
Ethylbenzene	4.61	0.0250	5.00	ND	92.1	70-130			
Toluene	4.78	0.0250	5.00	ND	95.7	70-130			
o-Xylene	4.68	0.0250	5.00	ND	93.5	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			

**Matrix Spike Dup (2606066-MSD1)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.79	0.0250	5.00	ND	95.8	70-130	2.85	27	
Ethylbenzene	4.48	0.0250	5.00	ND	89.5	70-130	2.85	26	
Toluene	4.65	0.0250	5.00	ND	93.0	70-130	2.81	20	
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130	2.72	25	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130	2.74	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.3	70-130	2.73	26	
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606066-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			

**LCS (2606066-BS2)**

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			

**Matrix Spike (2606066-MS2)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			

**Matrix Spike Dup (2606066-MSD2)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	0.00231	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606075-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.4		50.0		98.8	61-141			

**LCS (2606075-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	249	25.0	250		99.8	66-144			
Surrogate: <i>n</i> -Nonane	49.7		50.0		99.4	61-141			

**Matrix Spike (2606075-MS1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156			
Surrogate: <i>n</i> -Nonane	52.3		50.0		105	61-141			

**Matrix Spike Dup (2606075-MSD1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	2.41	20	
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:38:46PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606076-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	ND	20.0							
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**LCS (2606076-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	261	20.0	250		105	90-110			
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**Matrix Spike (2606076-MS1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	2560	20.0	250	2370	76.2	80-120			M4
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**Matrix Spike Dup (2606076-MSD1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	2580	20.0	250	2370	86.2	80-120	0.977	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 12:38
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E602018		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										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1142	2/2/2026	S	1	BH23 - 3.5'		1								X		2.6			
1144	2/2/2026	S	1	BH23 - 4'		2								X		2.8			
1152	2/2/2026	S	1	BH22 - 4'		3								X		3.1			
1154	2/2/2026	S	1	BH22 - 5'		4								X		3.9			
1156	2/2/2026	S	1	BH22 - 6'		5								X		3.6			
1158	2/2/2026	S	1	BH22 - 7'		6								X		3.8			
1200	2/2/2026	S	1	BH22 - 8'		7								X		2.6			
1325	2/2/2026	S	1	BH22 - 9'		8								X		2.9			
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, jgonzalez@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		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)							
Michelle Gonzales		2/3/26		7:11		Michelle Gonzales		2-3-26		674									
Michelle Gonzales		2-3-26		1400		Marissa Gonzales		2-3-26		1400									
Marissa Gonzales		2-3-26		1800		Johnny Archuleta		2-3-26		1800									
Johnny Archuleta		2-3-26		2140		Nor Sol		2-4-26		0830									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
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: 2/4/2026 11:17:03AM

**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: 02/04/26 08:30	Work Order ID: E602018
Phone: (972) 371-5200	Date Logged In: 02/03/26 15:17	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 02/10/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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-DL

**Client Instruction**

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

\_\_\_\_\_  
Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E602019

Job Number: 23003-0002

Received: 2/4/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/10/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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





Date Reported: 2/10/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E602019  
Date Received: 2/4/2026 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/4/2026 8:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 07:28
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS148 - 0.5'	E602019-01A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 7:28:15AM
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**FS148 - 0.5'**

**E602019-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606078
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.3 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606078
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		122 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606075
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/04/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	02/04/26	02/04/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	325	20.0	1	02/04/26	02/04/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 7:28:15AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606078-BLK1)**

Prepared: 02/04/26 Analyzed: 02/05/26

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	7.46		8.00		93.2	70-130			

**LCS (2606078-BS1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.04	0.0250	5.00		80.7	70-130			
Ethylbenzene	3.79	0.0250	5.00		75.8	70-130			
Toluene	3.98	0.0250	5.00		79.5	70-130			
o-Xylene	3.82	0.0250	5.00		76.4	70-130			
p,m-Xylene	7.77	0.0500	10.0		77.7	70-130			
Total Xylenes	11.6	0.0250	15.0		77.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			

**Matrix Spike (2606078-MS1)**

Source: E602030-04

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.34	0.0250	5.00	ND	86.9	70-130			
Toluene	4.57	0.0250	5.00	ND	91.4	70-130			
o-Xylene	4.38	0.0250	5.00	ND	87.7	70-130			
p,m-Xylene	8.87	0.0500	10.0	ND	88.7	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			

**Matrix Spike Dup (2606078-MSD1)**

Source: E602030-04

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.64	0.0250	5.00	ND	92.8	70-130	0.240	27	
Ethylbenzene	4.35	0.0250	5.00	ND	87.0	70-130	0.210	26	
Toluene	4.57	0.0250	5.00	ND	91.4	70-130	0.0175	20	
o-Xylene	4.40	0.0250	5.00	ND	88.0	70-130	0.406	25	
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130	0.205	23	
Total Xylenes	13.3	0.0250	15.0	ND	88.6	70-130	0.272	26	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 7:28:15AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606078-BLK1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.69		8.00		121	70-130			

**LCS (2606078-BS2)**

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.78		8.00		122	70-130			

**Matrix Spike (2606078-MS2)**

Source: E602030-04

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.59		8.00		120	70-130			

**Matrix Spike Dup (2606078-MSD2)**

Source: E602030-04

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	1.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.78		8.00		122	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 7:28:15AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606075-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.4		50.0		98.8		61-141		

**LCS (2606075-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	249	25.0	250		99.8		66-144		
Surrogate: <i>n</i> -Nonane	49.7		50.0		99.4		61-141		

**Matrix Spike (2606075-MS1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	259	25.0	250	ND	104		56-156		
Surrogate: <i>n</i> -Nonane	52.3		50.0		105		61-141		

**Matrix Spike Dup (2606075-MSD1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101		56-156	2.41	20
Surrogate: <i>n</i> -Nonane	50.7		50.0		101		61-141		



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 7:28:15AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606076-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	ND	20.0							
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**LCS (2606076-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	261	20.0	250		105	90-110			
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**Matrix Spike (2606076-MS1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	2560	20.0	250	2370	76.2	80-120			M4
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**Matrix Spike Dup (2606076-MSD1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride	2580	20.0	250	2370	86.2	80-120	0.977	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 07:28
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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: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E602019		23003-0002					X	X			
Project Manager: Ashley Gioveno				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agioveno@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agioveno@ensolum.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BDOC - NM	BDOC - TX	SDWA	CWA	RCRA	
1310	2/2/2026	S	1	FS148 - 0.5'		1								X					
Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@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	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													
<i>Jarad McCauley</i>	2/3/26	7:11	<i>Michelle Gonzales</i>	2-3-26	0711														
<i>Michelle Gonzales</i>	2-3-26	1400	<i>Marissa Gonzales</i>	2-3-26	1400														
<i>Marissa Gonzales</i>	2-3-26	1800	<i>Johnny Archuleta</i>	2-3-26	1800														
<i>Johnny Archuleta</i>	2-3-26	2140	<i>Noe Soto</i>	2-4-26	0830														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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.																			

Page 1090 of 1248

**Envirotech Analytical Laboratory**

Printed: 2/4/2026 11:17:51AM

**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: 02/04/26 08:30	Work Order ID: E602019
Phone: (972) 371-5200	Date Logged In: 02/03/26 15:26	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 02/10/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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-DL

**Client Instruction**

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

\_\_\_\_\_  
Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E602020

Job Number: 23003-0002

Received: 2/4/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/10/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/10/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E602020  
Date Received: 2/4/2026 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/4/2026 8:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 12:41
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW07 - 0 - 1'	E602020-01A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
SW22 - 0 - 6'	E602020-02A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
SW23 - 0 - 6'	E602020-03A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
SW26 - 1 - 3'	E602020-04A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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**SW07 - 0 - 1'**

**E602020-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.9 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.9 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2606074
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	157	20.0	1	02/04/26	02/04/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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**SW22 - 0 - 6'**

**E602020-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.3 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2606074
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	46.1	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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**SW23 - 0 - 6'**

**E602020-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.0 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2606074
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	1250	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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**SW26 - 1 - 3'**

**E602020-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Benzene	ND	0.0250	1	02/04/26	02/05/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/05/26	
Toluene	ND	0.0250	1	02/04/26	02/05/26	
o-Xylene	ND	0.0250	1	02/04/26	02/05/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/05/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.9 %	70-130	02/04/26	02/05/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2606074
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606076
Chloride	173	20.0	1	02/04/26	02/04/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606066-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

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	7.45		8.00		93.2	70-130			

**LCS (2606066-BS1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.67	0.0250	5.00		93.4	70-130			
Ethylbenzene	4.34	0.0250	5.00		86.9	70-130			
Toluene	4.54	0.0250	5.00		90.8	70-130			
o-Xylene	4.44	0.0250	5.00		88.7	70-130			
p,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.3	0.0250	15.0		88.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

**Matrix Spike (2606066-MS1)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.93	0.0250	5.00	ND	98.6	70-130			
Ethylbenzene	4.61	0.0250	5.00	ND	92.1	70-130			
Toluene	4.78	0.0250	5.00	ND	95.7	70-130			
o-Xylene	4.68	0.0250	5.00	ND	93.5	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			

**Matrix Spike Dup (2606066-MSD1)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Benzene	4.79	0.0250	5.00	ND	95.8	70-130	2.85	27	
Ethylbenzene	4.48	0.0250	5.00	ND	89.5	70-130	2.85	26	
Toluene	4.65	0.0250	5.00	ND	93.0	70-130	2.81	20	
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130	2.72	25	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130	2.74	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.3	70-130	2.73	26	
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606066-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			

**LCS (2606066-BS2)**

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			

**Matrix Spike (2606066-MS2)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			

**Matrix Spike Dup (2606066-MSD2)**

Source: E602018-05

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	0.00231	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

**Blank (2606074-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.3		50.0		101	61-141			

**LCS (2606074-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	245	25.0	250		98.1	66-144			
Surrogate: n-Nonane	49.0		50.0		98.1	61-141			

**Matrix Spike (2606074-MS1)**

Source: E602013-25

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

**Matrix Spike Dup (2606074-MSD1)**

Source: E602013-25

Prepared: 02/04/26 Analyzed: 02/04/26

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	0.414	20	
Surrogate: n-Nonane	50.3		50.0		101	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 12:41:34PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

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

**Blank (2606076-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride ND 20.0

**LCS (2606076-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride 261 20.0 250 105 90-110

**Matrix Spike (2606076-MS1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride 2560 20.0 250 2370 76.2 80-120 M4

**Matrix Spike Dup (2606076-MSD1)**

Source: E602018-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride 2580 20.0 250 2370 86.2 80-120 0.977 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 12:41
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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.





<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E602020		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										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO 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		
1341	2/2/2026	S	1	SW07 - 0 - 1'			1								X						
1345	2/2/2026	S	1	SW22 - 0 - 6'			2								X						
1346	2/2/2026	S	1	SW23 - 0 - 6'			3								X						
1210	2/2/2026	S	1	NS SW26 - 0 - 3' 2-4-26 1-3'			4								X						
																				Remarks	
																					3.5 Changed
																					3.9 Sample
																					4.2 name depth
																					3.7 per JM
																					to match
																					jar.
																					NS 2-4-26

**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, jgonzalez@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	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.
<i>Jarad McCauley</i>	2/3/26	7:11	<i>Michelle Gonzales</i>	2-3-26	0711	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	2-3-26	1400	<i>Marissa Gonzales</i>	2-3-26	1400	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Marissa Gonzales</i>	2-3-26	1800	<i>Johnny Archuleta</i>	2-3-26	1800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>Johnny Archuleta</i>	2-3-26	2140	<i>Na Sot</i>	2-4-26	0830	Received on ice:
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	<input checked="" type="checkbox"/> Y <input type="checkbox"/> 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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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: 2/4/2026 11:18:15AM

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: 02/04/26 08:30	Work Order ID: E602020
Phone: (972) 371-5200	Date Logged In: 02/03/26 15:29	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 02/10/26 17:00 (4 day TAT)	

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? No
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**Comments/Resolution**

Depth on sample 4 did not match COC. Per client use the depth of the jar.  
L-NS  
R-DL

**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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E602021

Job Number: 23003-0002

Received: 2/4/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/10/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/10/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E602021  
Date Received: 2/4/2026 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/4/2026 8:30:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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**Michelle Gonzales**  
Client Representative  
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Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Desoto Springs Recycling Pond

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

**Reported:**

02/10/26 09:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS36 - 1'	E602021-01A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS90 - 3'	E602021-02A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS119 - 0.5'	E602021-03A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS123 - 0.5'	E602021-04A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS127 - 1'	E602021-05A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS131 - 1'	E602021-06A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS132 - 1'	E602021-07A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS134 - 1'	E602021-08A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS135 - 1'	E602021-09A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS140 - 0.5'	E602021-10A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS147 - 0.5'	E602021-11A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS150 - 2'	E602021-12A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS154 - 1.5'	E602021-13A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS155 - 1.5'	E602021-14A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS157 - 1.5'	E602021-15A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS162 - 1'	E602021-16A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS176 - 2'	E602021-17A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS180 - 1'	E602021-18A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS189 - 1'	E602021-19A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.
FS193 - 1'	E602021-20A	Soil	02/02/26	02/04/26	Glass Jar, 2 oz.





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS36 - 1'**  
**E602021-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.2 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	362	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS90 - 3'**

**E602021-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.4 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	42.8	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	89.7	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS119 - 0.5'**

**E602021-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.9 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		109 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	349	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS127 - 1'**

**E602021-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	175	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS131 - 1'**

**E602021-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	237	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS132 - 1'**

**E602021-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	476	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS134 - 1'**

**E602021-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	238	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS135 - 1'**

**E602021-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.4 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	115	20.0	1	02/04/26	02/04/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS140 - 0.5'**

**E602021-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	185	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS147 - 0.5'**

**E602021-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	293	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS150 - 2'**

**E602021-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	149	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS154 - 1.5'**

**E602021-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.0 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	105	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS155 - 1.5'**

**E602021-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	203	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS157 - 1.5'**

**E602021-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.0 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	365	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS162 - 1'**

**E602021-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		109 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	421	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS176 - 2'**

**E602021-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	373	20.0	1	02/04/26	02/04/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS180 - 1'**

**E602021-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.1 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/05/26	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	02/04/26	02/05/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	57.0	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS189 - 1'**

**E602021-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.2 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/06/26	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	02/04/26	02/06/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	113	20.0	1	02/04/26	02/04/26	



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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**FS193 - 1'**

**E602021-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Benzene	ND	0.0250	1	02/04/26	02/06/26	
Ethylbenzene	ND	0.0250	1	02/04/26	02/06/26	
Toluene	ND	0.0250	1	02/04/26	02/06/26	
o-Xylene	ND	0.0250	1	02/04/26	02/06/26	
p,m-Xylene	ND	0.0500	1	02/04/26	02/06/26	
Total Xylenes	ND	0.0250	1	02/04/26	02/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2606069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/26	02/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.7 %	70-130	02/04/26	02/06/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2606082
Diesel Range Organics (C10-C28)	ND	25.0	1	02/04/26	02/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/04/26	02/06/26	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	02/04/26	02/06/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2606080
Chloride	ND	20.0	1	02/04/26	02/05/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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#### Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2606069-BLK1)

Prepared: 02/04/26 Analyzed: 02/05/26

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	8.13		8.00		102	70-130			

#### LCS (2606069-BS1)

Prepared: 02/04/26 Analyzed: 02/06/26

Benzene	5.54	0.0250	5.00		111	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.46	0.0250	5.00		109	70-130			
o-Xylene	5.34	0.0250	5.00		107	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		102	70-130			

#### Matrix Spike (2606069-MS1)

Source: E602021-12

Prepared: 02/04/26 Analyzed: 02/06/26

Benzene	5.37	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130			
Toluene	5.29	0.0250	5.00	ND	106	70-130			
o-Xylene	5.17	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.8	70-130			

#### Matrix Spike Dup (2606069-MSD1)

Source: E602021-12

Prepared: 02/04/26 Analyzed: 02/06/26

Benzene	5.33	0.0250	5.00	ND	107	70-130	0.695	27	
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130	1.15	26	
Toluene	5.24	0.0250	5.00	ND	105	70-130	0.992	20	
o-Xylene	5.13	0.0250	5.00	ND	102	70-130	0.915	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	1.09	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	1.03	26	
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606069-BLK1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

**LCS (2606069-BS2)**

Prepared: 02/04/26 Analyzed: 02/06/26

Gasoline Range Organics (C6-C10)	56.9	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			

**Matrix Spike (2606069-MS2)**

Source: E602021-12

Prepared: 02/04/26 Analyzed: 02/06/26

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

**Matrix Spike Dup (2606069-MSD2)**

Source: E602021-12

Prepared: 02/04/26 Analyzed: 02/06/26

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130	5.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606082-BLK1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	53.3		50.0		107	61-141			

**LCS (2606082-BS1)**

Prepared: 02/04/26 Analyzed: 02/05/26

Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	61-141			

**Matrix Spike (2606082-MS1)**

Source: E602021-19

Prepared: 02/04/26 Analyzed: 02/05/26

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: <i>n</i> -Nonane	53.7		50.0		107	61-141			

**Matrix Spike Dup (2606082-MSD1)**

Source: E602021-19

Prepared: 02/04/26 Analyzed: 02/05/26

Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	56-156	1.53	20	
Surrogate: <i>n</i> -Nonane	53.9		50.0		108	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/10/2026 9:49:39AM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2606080-BLK1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride ND 20.0

**LCS (2606080-BS1)**

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride 250 20.0 250 99.9 90-110

**Matrix Spike (2606080-MS1)**

Source: E602021-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride 492 20.0 250 237 102 80-120

**Matrix Spike Dup (2606080-MSD1)**

Source: E602021-06

Prepared: 02/04/26 Analyzed: 02/04/26

Chloride 492 20.0 250 237 102 80-120 0.0811 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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/10/26 09:49
---	---	------------------------------------

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.





Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E602021		2803-0002					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										Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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	
1209	2/2/2026	S	1	FS36 - 1'		1								X									
1454	2/2/2026	S	1	FS90 - 3'		2								X									
1316	2/2/2026	S	1	FS119 - 0.5'		3								X									
1315	2/2/2026	S	1	FS123 - 0.5'		4								X									
1211	2/2/2026	S	1	FS127 - 1'		5								X									
1224	2/2/2026	S	1	FS131 - 1'		6								X									
1410	2/2/2026	S	1	FS132 - 1'		7								X									
1235	2/2/2026	S	1	FS134 - 1'		8								X									
1226	2/2/2026	S	1	FS135 - 1'		9								X									
1317	2/2/2026	S	1	FS140 - 0.5'		10								X									
<b>Additional Instructions:</b> 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		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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N											
<i>JM</i>		2/2/26		7:11		<i>Michelle Gonzales</i>		2-3-26		0711													
<i>Michelle Gonzales</i>		2-3-26		1400		<i>Marissa Gonzales</i>		2-3-26		1400													
<i>Marissa Gonzales</i>		2-3-26		1800		<i>Johnny Archuleta</i>		2-3-26		1800													
<i>Johnny Archuleta</i>		2-3-26		2140		<i>Noe Seto</i>		2-4-26		0830													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
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: 3/24/2026 2:03:18 PM

Received by OCD: 3/23/2026 3:23:06 PM

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Desoto Springs Recycling Pond				Address: 3122 National Parks Hwy				E602021		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										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
1312	2/2/2026	S	1	FS147 - 0.5'		11								X							
1458	2/2/2026	S	1	FS150 - 2'		12								X							
1357	2/2/2026	S	1	FS154 - 1.5'		13								X							
1358	2/2/2026	S	1	FS155 - 1.5'		14								X							
1355	2/2/2026	S	1	FS157 - 1.5'		15								X							
1221	2/2/2026	S	1	FS162 - 1'		16								X							
1447	2/2/2026	S	1	FS176 - 2'		17								X							
1017	2/2/2026	S	1	FS180 - 1'		18								X							
1027	2/2/2026	S	1	FS189 - 1'		19								X							
1029	2/2/2026	S	1	FS193 - 1'		20								X							

**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, igonzalez@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						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: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	2/3/26	7:11	Michelle Gonzales	2-3-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	2-3-26	1400	Marissa Gonzales	2-3-26	1400						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzales	2-3-26	1800	Johnny Archuleta	2-3-26	1800						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Johnny Archuleta	2-3-26	2140	Ned Sabo	2-4-26	0830						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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.

Page 1138 of 1248

### Envirotech Analytical Laboratory

Printed: 2/4/2026 11:19:18AM

#### 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: 02/04/26 08:30	Work Order ID: E602021
Phone: (972) 371-5200	Date Logged In: 02/03/26 15:34	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 02/10/26 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

#### 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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-DL

#### Client Instruction

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Desoto Springs Recycling Pond

Work Order: E602139

Job Number: 23003-0002

Received: 2/12/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/17/26

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/17/26

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

Project Name: Desoto Springs Recycling Pond  
Workorder: E602139  
Date Received: 2/12/2026 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/12/2026 6:00:00AM, under the Project Name: Desoto Springs Recycling Pond.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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

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

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### Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/17/26 16:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS143-0.5'	E602139-01A	Soil	02/10/26	02/12/26	Glass Jar, 2 oz.
FS197-1'	E602139-02A	Soil	02/10/26	02/12/26	Glass Jar, 2 oz.



### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/17/2026 4:15:17PM
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**FS143-0.5'**

**E602139-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2607095
Benzene	ND	0.0250	1	02/12/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/12/26	02/13/26	
Toluene	ND	0.0250	1	02/12/26	02/13/26	
o-Xylene	ND	0.0250	1	02/12/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/12/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/12/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	02/12/26	02/13/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2607095
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	02/12/26	02/13/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2607132
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/13/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	02/12/26	02/13/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2607100
Chloride	86.5	20.0	1	02/12/26	02/12/26	





### Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/17/2026 4:15:17PM
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**FS197-1'**

**E602139-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2607095
Benzene	ND	0.0250	1	02/12/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/12/26	02/13/26	
Toluene	ND	0.0250	1	02/12/26	02/13/26	
o-Xylene	ND	0.0250	1	02/12/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/12/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/12/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	02/12/26	02/13/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2607095
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	02/12/26	02/13/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2607132
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/14/26	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/12/26	02/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2607100
Chloride	125	20.0	1	02/12/26	02/12/26	



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/17/2026 4:15:17PM
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#### Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2607095-BLK1)**

Prepared: 02/12/26 Analyzed: 02/12/26

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	9.19		8.00		115	70-130			

**LCS (2607095-BS1)**

Prepared: 02/12/26 Analyzed: 02/12/26

Benzene	4.95	0.0250	5.00		98.9	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.89	0.0250	5.00		97.7	70-130			
o-Xylene	4.94	0.0250	5.00		98.8	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.17		8.00		115	70-130			

**Matrix Spike (2607095-MS1)**

Source: E602149-02

Prepared: 02/12/26 Analyzed: 02/12/26

Benzene	4.64	0.0250	5.00	ND	92.7	70-130			
Ethylbenzene	4.47	0.0250	5.00	ND	89.4	70-130			
Toluene	4.58	0.0250	5.00	ND	91.6	70-130			
o-Xylene	4.60	0.0250	5.00	ND	92.0	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	91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.19		8.00		115	70-130			

**Matrix Spike Dup (2607095-MSD1)**

Source: E602149-02

Prepared: 02/12/26 Analyzed: 02/13/26

Benzene	4.78	0.0250	5.00	ND	95.5	70-130	3.02	27	
Ethylbenzene	4.65	0.0250	5.00	ND	93.1	70-130	4.07	26	
Toluene	4.75	0.0250	5.00	ND	94.9	70-130	3.59	20	
o-Xylene	4.80	0.0250	5.00	ND	96.0	70-130	4.18	25	
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	70-130	4.13	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.5	70-130	4.15	26	
Surrogate: 4-Bromochlorobenzene-PID	9.08		8.00		114	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/17/2026 4:15:17PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2607095-BLK1)**

Prepared: 02/12/26 Analyzed: 02/12/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

**LCS (2607095-BS2)**

Prepared: 02/12/26 Analyzed: 02/12/26

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

**Matrix Spike (2607095-MS2)**

Source: E602149-02

Prepared: 02/12/26 Analyzed: 02/13/26

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

**Matrix Spike Dup (2607095-MSD2)**

Source: E602149-02

Prepared: 02/12/26 Analyzed: 02/13/26

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	0.961	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/17/2026 4:15:17PM
---	---	---

#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2607132-BLK1)**

Prepared: 02/12/26 Analyzed: 02/13/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.2		50.0		116	61-141			

**LCS (2607132-BS1)**

Prepared: 02/12/26 Analyzed: 02/13/26

Diesel Range Organics (C10-C28)	231	25.0	250		92.3	66-144			
Surrogate: n-Nonane	56.7		50.0		113	61-141			

**Matrix Spike (2607132-MS1)**

Source: E602127-02

Prepared: 02/12/26 Analyzed: 02/13/26

Diesel Range Organics (C10-C28)	1550	25.0	250	924	249	56-156			M4
Surrogate: n-Nonane	56.2		50.0		112	61-141			

**Matrix Spike Dup (2607132-MSD1)**

Source: E602127-02

Prepared: 02/12/26 Analyzed: 02/13/26

Diesel Range Organics (C10-C28)	1320	25.0	250	924	158	56-156	16.0	20	M4
Surrogate: n-Nonane	55.4		50.0		111	61-141			



### QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/17/2026 4:15:17PM
---	---	---

#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2607100-BLK1)**

Prepared: 02/12/26 Analyzed: 02/12/26

Chloride	ND	20.0							
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**LCS (2607100-BS1)**

Prepared: 02/12/26 Analyzed: 02/12/26

Chloride	259	20.0	250		104	90-110			
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**Matrix Spike (2607100-MS1)**

Source: E602149-02

Prepared: 02/12/26 Analyzed: 02/12/26

Chloride	337	20.0	250	78.9	103	80-120			
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**Matrix Spike Dup (2607100-MSD1)**

Source: E602149-02

Prepared: 02/12/26 Analyzed: 02/12/26

Chloride	333	20.0	250	78.9	101	80-120	1.41	20	
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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. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Desoto Springs Recycling Pond Project Number: 23003-0002 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/17/26 16:15
---	---	------------------------------------

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: 3/24/2026 2:03:18 PM

Page 12 of 13

Received by OCD: 3/23/2026 3:23:06 PM

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Matador Production Company				Company: Ensolium LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Desoto Spring Recycling Pond				Address: 3122 National Parks Hwy				E1002139		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										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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			
11:26	2/10/2026	S	1	FS143 - 0.5'		1								X							
11:10	2/10/2026	S	1	FS197 - 1'		2								X							
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@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: Chad Hamilton Lane Linehan																					
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: N					
		2/11/26	7:00	Michelle Gonzales		2-11-26	0711			2-11-26	1515			2-11-26	1515						
Michelle Gonzales		2-11-26	1515	Marissa Gonzales		2-11-26	1515			2-11-26	1920			2-11-26	1920						
		2-11-26	1920	Johnny Archuleta		2-11-26	1920			2-11-26	2300			2-12-26	0600						
Marissa Gonzales		2-11-26	1920	Noe Sob		2-12-26	0600			2-12-26	0600										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time						
		2-11-26	2300	Noe Sob		2-12-26	0600			2-12-26	0600										
Johnny Archuleta		2-11-26	2300			2-12-26	0600			2-12-26	0600										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time						
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.																					

Page 1151 of 1248

Envirotech Analytical Laboratory

Printed: 2/12/2026 10:35:42AM

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: 02/12/26 06:00 Work Order ID: E602139
Phone: (972) 371-5200 Date Logged In: 02/11/26 14:40 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 02/18/26 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 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

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-NS and R-DT.

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

Date



envirotech Inc.





## APPENDIX E

### NMOCD Correspondence

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**From:** [Hamlet, Robert, EMNRD](#)  
**To:** [Chad Hamilton](#)  
**Cc:** [Ashley Giovengo](#); [Jason Touchet](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)  
**Subject:** (Extension Approval) - Matador Production Company - Desoto Spring Recycling Pond - Incident Number nAPP2526466779  
**Date:** Monday, December 22, 2025 10:01:54 AM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

RE: Incident #**NAPP2526466779** **Desoto Spring Recycling Pond**

Chad,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **March 23rd, 2026**. Include this e-mail correspondence in the report.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@emnrd.nm.gov](mailto:robert.hamlet@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Monday, December 22, 2025 7:54 AM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] Extension Request - Matador Production Company - Desoto Spring Recycling Pond - Incident Number nAPP2526466779

---

**From:** Chad Hamilton <[chamilton@ensolum.com](mailto:chamilton@ensolum.com)>  
**Sent:** Monday, December 22, 2025 7:40 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>

**Cc:** [jason.touchet@matadorresources.com](mailto:jason.touchet@matadorresources.com); Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>  
**Subject:** [EXTERNAL] Extension Request - Matador Production Company - Desoto Spring Recycling Pond - Incident Number nAPP2526466779

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

All,

Matador Production Company (Matador) is requesting an extension of the current deadline of December 22, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Desoto Spring Recycling Pond (Site) (Incident Number nAPP2526466779). The release occurred on September 21, 2025, and 6,354 barrels (bbls) of produced water were released at the Site; 6,300 bbls of produced water were recovered. The release impacted an area approximately 38,567 square feet in size on Private Land. Ensolum personnel have completed lateral and vertical delineation soil sampling within and around the release extent via hand auger. Ensolum personnel collected discrete delineation soil samples from boreholes (BH01 through BH21) at depths ranging from ground surface to 8 feet below ground surface (bgs). Matador has selected a subcontractor to completion excavation activities. Excavation of the subject matter release is scheduled to begin on January 5, 2026. 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 23, 2026. Please let me know if you have any further questions regarding this site.

Thanks,



**Chad Hamilton**

Project Geologist

940-923-0072

**Ensolum, LLC**

in f 

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 507719

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 507719
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 6,354 BBL   Recovered: 6,300 BBL   Lost: 54 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)	As circling the AST #3 to the AST # 2 the 6" camlock came apart.

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

QUESTIONS, Page 2

Action 507719

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 507719
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

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

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 507719

**ACKNOWLEDGMENTS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 507719
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

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

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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 507719

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 507719
	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.	9/21/2025

Pooled Fluids on the Surface										
	Length (ft.)	Width (ft.)	Depth (in)	# of Boundaries <i>*edges of pool where depth is 0. don't count shared boundaries</i>	Oil-Water Ratio (%)	Pooled Area (ft <sup>2</sup> )	Estimated Average Depth (ft.)	Pooled Volume (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A	203.5	203.5	36.0	4.0	0.01	41408.2	0.8	5528.0	0.00	0.00
Rectangle B					0.01	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle C						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Volume (bbls):								<b>5527.99</b>	<b>0.00</b>	<b>0.00</b>

Subsurface Fluids										
	Length (ft.)	Width (ft.)	Depth (in.)	Saturation (%) <i>*10% in consolidated sediments after rain to 50% in sand with no precipitation</i>	Oil-Water Ratio (%)	Area (ft <sup>2</sup> )	Volume (bbl.)	Estimated Volume in Subsurface (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle B				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle C				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle D				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle E				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle F						0.0	0.0	0.0	0.00	0.0
Rectangle G						0.0	0.0	0.0	0.00	0.0
Rectangle H						0.0	0.0	0.0	0.00	0.0
Rectangle I						0.0	0.0	0.0	0.00	0.0
Rectangle J						0.0	0.0	0.0	0.00	0.0
Total Volume (bbls):								<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**TOTAL RELEASE VOLUME (bbls): 5528.0**



<b>Impacted Soil On-Pad (North)</b>	
Saturated Soil (inches)	
	1
Area (sq. ft.)	
	6719
<b>Standing fluids</b>	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	193
<b>Soil type</b>	
	pad caliche
<b>Spill type</b>	
	produced water
<b>Barrel estimate in soil</b>	
	19.9
Barrel estimate (standing fluids/ recovered+in soil)	
	212.9

<b>Impacted Soil On-Pad (Southwest)</b>	
Saturated Soil (inches)	
	1
Area (sq. ft.)	
	3891
<b>Standing fluids</b>	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	193
<b>Soil type</b>	
	pad caliche
<b>Spill type</b>	
	produced water
<b>Barrel estimate in soil</b>	
	11.6
Barrel estimate (standing fluids/ recovered+in soil)	
	204.6

<b>Impacted Soil On-Pad (East)</b>	
Saturated Soil (inches)	
	1.75
Area (sq. ft.)	
	2521
<b>Standing fluids</b>	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	193
<b>Soil type</b>	
	pad caliche
<b>Spill type</b>	
	produced water
<b>Barrel estimate in soil</b>	
	13.1
Barrel estimate (standing fluids/ recovered+in soil)	
	206.1

<b>Impacted Soil On-Pad (Southeast)</b>	
Saturated Soil (inches)	
	1.5
Area (sq. ft.)	
	1,139
<b>Standing fluids</b>	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	193
<b>Soil type</b>	
	pad caliche
<b>Spill type</b>	
	produced water
<b>Barrel estimate in soil</b>	
	5.1
Barrel estimate (standing fluids/ recovered+in soil)	
	198.1

<b>Impacted Soil Off-Pad (North)</b>	
Saturated Soil (inches)	
	0.5
Area (sq. ft.)	
	780.7
<b>Standing fluids</b>	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
<b>Soil type</b>	
	Sand
<b>Spill type</b>	
	produced water
<b>Barrel estimate in soil</b>	
	3.1
Barrel estimate (standing fluids/ recovered+in soil)	
	3.1

<b>Impacted Soil Off-Pad (Southwest)</b>	
Saturated Soil (inches)	
	0.5
Area (sq. ft.)	
	234.7
<b>Standing fluids</b>	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
<b>Soil type</b>	
	Sand
<b>Spill type</b>	
	produced water
<b>Barrel estimate in soil</b>	
	0.9
Barrel estimate (standing fluids/ recovered+in soil)	
	0.9

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

QUESTIONS

Action 508402

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 508402
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 6,354 BBL   Recovered: 6,300 BBL   Lost: 54 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)	As circling the AST #3 to the AST # 2 the Male end threads on the Camlock broke and caused the release

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QUESTIONS, Page 2

Action 508402

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 508402
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

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

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

*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: <a href="mailto:jason.touchet@matadorresources.com">jason.touchet@matadorresources.com</a> Date: 09/23/2025
--	--



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QUESTIONS, Page 3

Action 508402

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 508402
	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.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	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
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

Action 508402

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 508402
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	None	9/23/2025

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QUESTIONS

Action 511216

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 511216
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Liner Inspection Event Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the liner inspection surface area in square feet	41,409
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	10/06/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Pump and Tank Containment
Please provide any information necessary for navigation to liner inspection site	32.07575,-103.28251

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CONDITIONS

Action 511216

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 511216
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

**CONDITIONS**

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	10/1/2025

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QUESTIONS

Action 514536

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 514536
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Liner Inspection Event Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the liner inspection surface area in square feet	40,409
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	10/16/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Tank and Pump Containment
Please provide any information necessary for navigation to liner inspection site	32.07575,-103.28251

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CONDITIONS

Action 514536

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 514536
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

**CONDITIONS**

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	10/13/2025

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QUESTIONS

Action 537033

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 537033
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/05/2026
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	32.07575,-103.28251

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CONDITIONS

Action 537033

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 537033
	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.	12/23/2025
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.	12/23/2025



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QUESTIONS

Action 537035

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 537035
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/06/2026
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	32.07575,-103.28251

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CONDITIONS

Action 537035

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 537035
	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.	12/23/2025
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.	12/23/2025

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QUESTIONS

Action 537037

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 537037
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/07/2026
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	32.07575,-103.28251

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CONDITIONS

Action 537037

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 537037
	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.	12/23/2025
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.	12/23/2025

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QUESTIONS

Action 540392

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540392
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/08/2026
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	32.07575,-103.28251

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CONDITIONS

Action 540392

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540392
	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.	1/6/2026
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.	1/6/2026

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QUESTIONS

Action 540460

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540460
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/09/2026
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	32.07575,-103.28251

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

CONDITIONS

Action 540460

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540460
	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.	1/6/2026
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.	1/6/2026



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

QUESTIONS

Action 540466

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540466
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/12/2026
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	32.07575,-103.28251

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CONDITIONS

Action 540466

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540466
	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.	1/6/2026
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.	1/6/2026

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 540470

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540470
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/13/2026
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	32.07575,-103.28251

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CONDITIONS

Action 540470

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540470
	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.	1/6/2026
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.	1/6/2026

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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

QUESTIONS

Action 540494

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540494
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/14/2026
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	32.07575,-103.28251

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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CONDITIONS

Action 540494

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540494
	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.	1/6/2026
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.	1/6/2026

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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS

Action 540497

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540497
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2026
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	32.07575,-103.28251

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CONDITIONS

Action 540497

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540497
	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.	1/6/2026
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.	1/6/2026



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QUESTIONS

Action 540510

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540510
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2026
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	32.07575,-103.28251

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CONDITIONS

Action 540510

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540510
	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.	1/6/2026
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.	1/6/2026

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Santa Fe, NM 87505**

QUESTIONS

Action 540516

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540516
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/19/2026
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	32.07575,-103.28251

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CONDITIONS

Action 540516

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540516
	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.	1/6/2026
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.	1/6/2026

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

QUESTIONS

Action 540524

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540524
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/20/2026
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	32.07575,-103.28251

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Phone: (505) 476-3441

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CONDITIONS

Action 540524

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 540524
	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.	1/6/2026
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.	1/6/2026

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**Santa Fe, NM 87505**

QUESTIONS

Action 543930

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 543930
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2026
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	32.07575 -103.28251

Sante Fe Main Office  
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**1220 S. St Francis Dr.**  
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CONDITIONS

Action 543930

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 543930
	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.	1/16/2026
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.	1/16/2026



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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 543939

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 543939
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
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	32.07575 -103.28251

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

General Information  
Phone: (505) 629-6116

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

CONDITIONS

Action 543939

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 543939
	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.	1/16/2026
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.	1/16/2026

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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 545335

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 545335
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/26/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton @ (940) 923-0072
Please provide any information necessary for navigation to sampling site	32.07575,-103.28251

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

General Information  
Phone: (505) 629-6116

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 545335

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 545335
	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.	1/22/2026
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.	1/22/2026

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Phone: (505) 476-3441

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

QUESTIONS

Action 545337

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 545337
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/27/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton @ (940) 923-0072
Please provide any information necessary for navigation to sampling site	32.07575,-103.28251

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

CONDITIONS

Action 545337

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 545337
	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.	1/22/2026
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.	1/22/2026

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

QUESTIONS

Action 546203

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 546203
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/28/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton @ (940) 923-0072
Please provide any information necessary for navigation to sampling site	32.07575,-103.28251

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Phone: (505) 476-3441

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 546203

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 546203
	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.	1/26/2026
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.	1/26/2026



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

QUESTIONS

Action 546205

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 546205
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	230
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/29/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton @ (940) 923-0072
Please provide any information necessary for navigation to sampling site	32.07575,-103.28251

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Phone: (505) 476-3441

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 546205

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 546205
	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.	1/26/2026
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.	1/26/2026

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Oil Conservation Division  
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Santa Fe, NM 87505**

QUESTIONS

Action 547630

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 547630
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	38,567
What is the estimated number of samples that will be gathered	23
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/02/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton @ (940) 923-0072
Please provide any information necessary for navigation to sampling site	32.07575,-103.28251

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CONDITIONS

Action 547630

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 547630
	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.	1/28/2026
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.	1/28/2026

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

QUESTIONS

Action 549873

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 549873
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton @ (940) 923-0072
Please provide any information necessary for navigation to sampling site	32.07575,-103.28251

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**1220 S. St Francis Dr.**  
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CONDITIONS

Action 549873

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 549873
	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.	2/3/2026
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.	2/3/2026

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS

Action 551356

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 551356
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2026
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	32.07575 -103.28251

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

CONDITIONS

Action 551356

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 551356
	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.	2/6/2026
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.	2/6/2026





**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 1 Date: 09/22/2025  
Description: Lease Sign  
View: West

Photograph 2 Date: 09/21/2025  
Description: Initial Spill Mapping  
View: Northeast

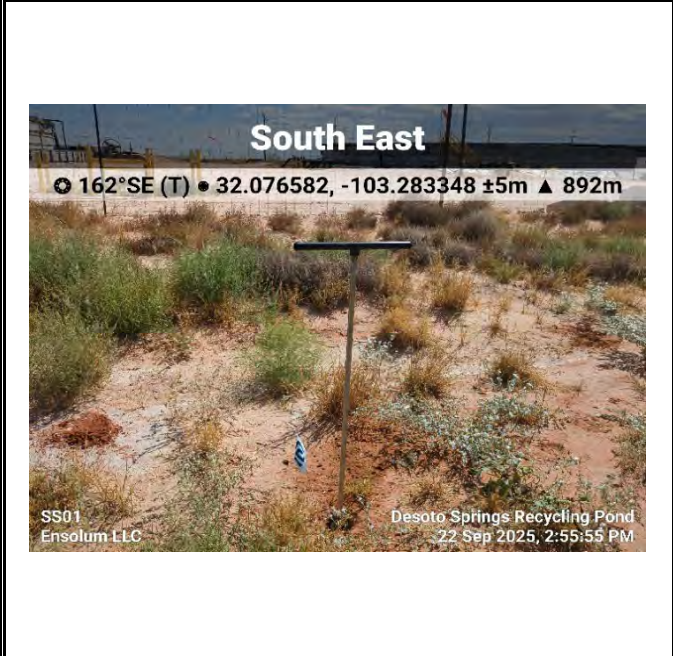


Photograph 3 Date: 09/21/2025  
Description: Initial Spill Mapping  
View: Northeast

Photograph 4 Date: 09/21/2025  
Description: Initial Spill Mapping  
View: Northwest

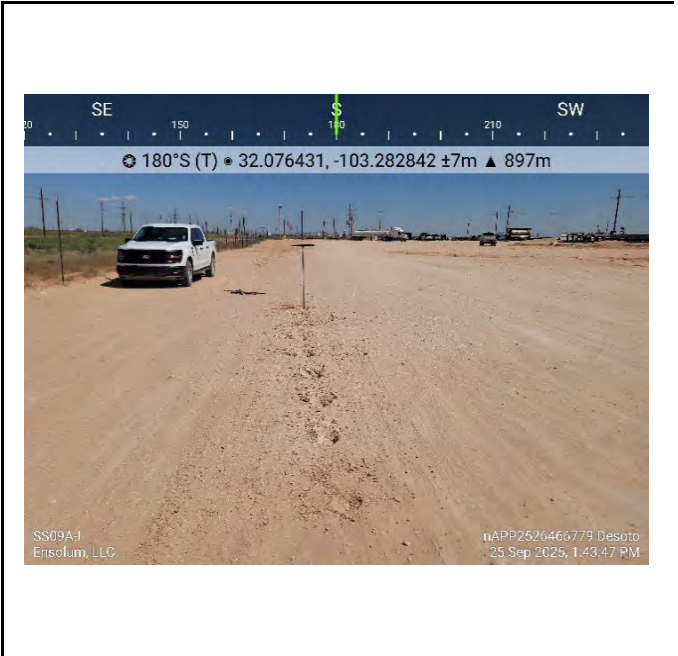
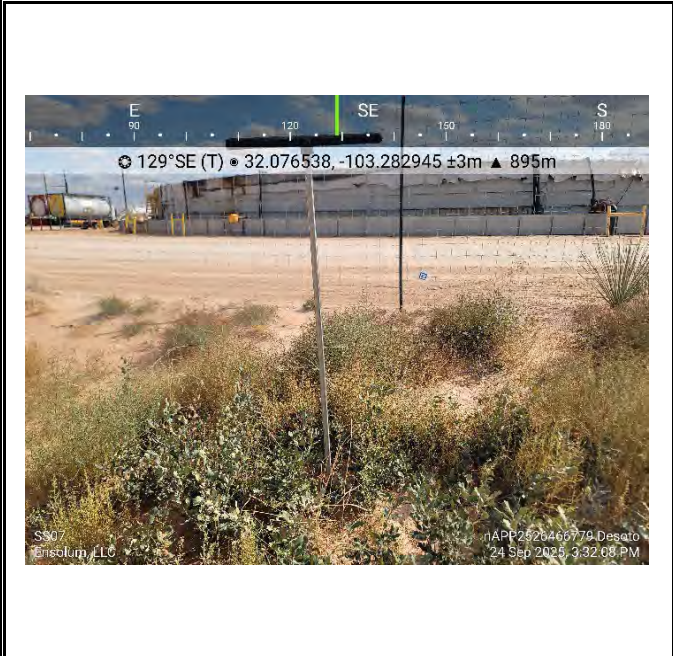


**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 5 Date: 09/22/2025  
Description: Delineation (SS02)  
View: Southeast

Photograph 6 Date: 09/23/2025  
Description: Delineation (SS03)  
View: South

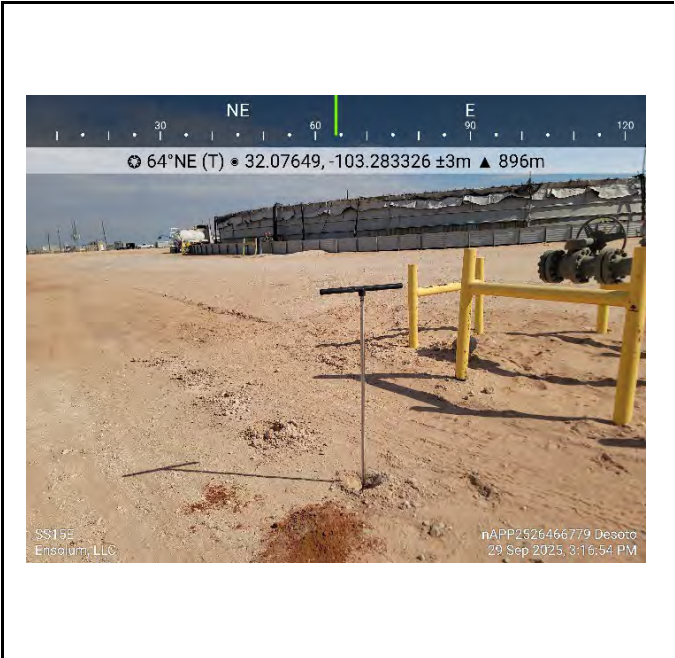


Photograph 7 Date: 09/24/2025  
Description: Delineation (SS07)  
View: Southeast

Photograph 8 Date: 09/25/2025  
Description: Delineation  
View: East

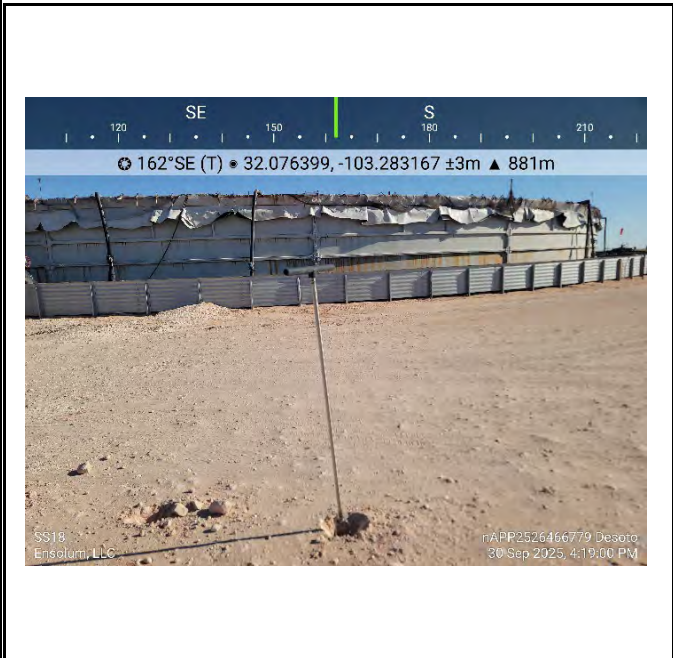


**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 9 Date: 09/26/2025  
Description: Delineation (SS12)  
View: South

Photograph 10 Date: 09/29/2025  
Description: Delineation (SS15E)  
View: Northeast

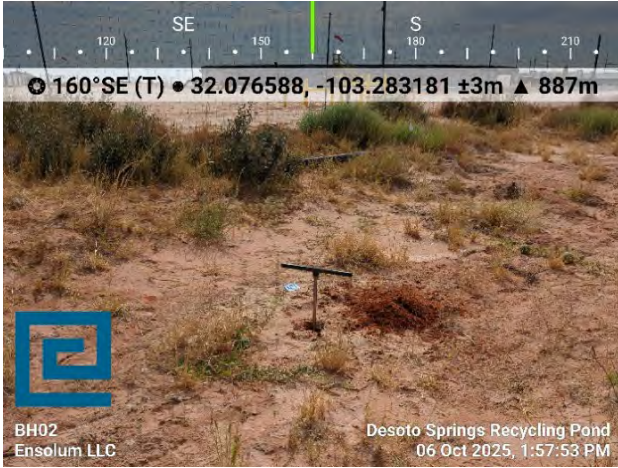


Photograph 11 Date: 09/30/2025  
Description: Delineation (SS18)  
View: South

Photograph 12 Date: 10/01/2025  
Description: Delineation (SS20)  
View: Southwest



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 13 Date: 10/06/2025  
Description: Delineation (BH02)  
View: South

Photograph 14 Date: 10/06/2025  
Description: Delineation (BH03)  
View: Southeast

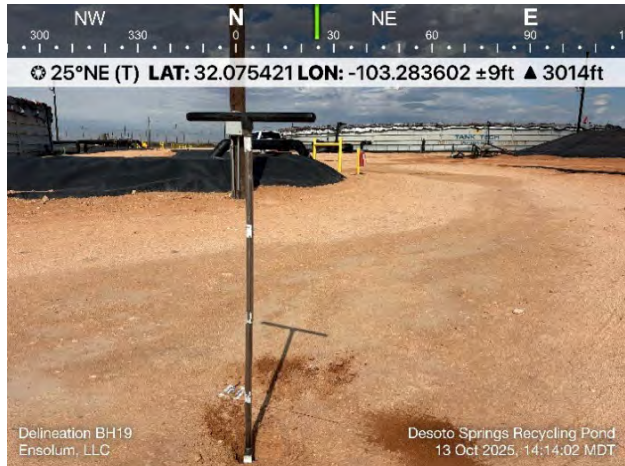


Photograph 15 Date: 10/07/2025  
Description: Delineation (BH05)  
View: Southwest

Photograph 16 Date: 10/07/2025  
Description: Delineation (BH08)  
View: Southwest



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 17 Date: 10/08/2025  
Description: Delineation (BH13)  
View: East

Photograph 18 Date: 10/13/2025  
Description: Delineation (BH19)  
View: Northeast



Photograph 19 Date: 10/16/2025  
Description: Delineation (BH20)  
View: Northeast

Photograph 20 Date: 10/21/2025  
Description: Delineation  
View: Northwest



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 21 Date: 10/22/2025  
Description: Delineation (SS25)  
View: Southwest

Photograph 22 Date: 10/28/2025  
Description: Delineation (SS27)  
View: West



Photograph 23 Date: 10/29/2025  
Description: Delineation (SS26)  
View: Southeast

Photograph 24 Date: 10/30/2025  
Description: Delineation (SS38)  
View: Southwest

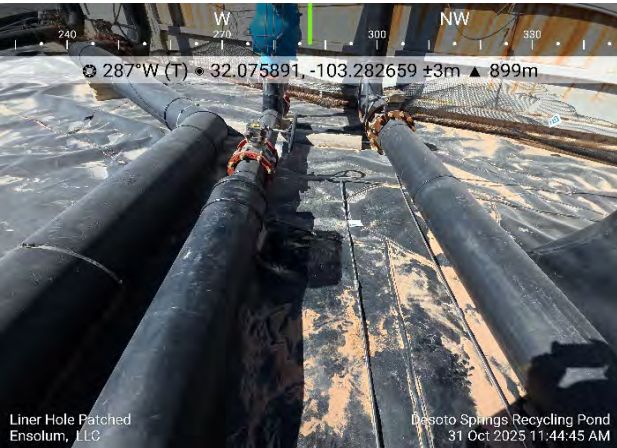


**Photographic Log**  
 Matador Production Company  
 Desoto Springs Recycling Pond  
 nAPP2526466779



Photograph 25 Date: 10/31/2025  
 Description: Delineation (SS42)  
 View: Northwest

Photograph 26 Date: 10/31/2025  
 Description: Secondary Liner  
 View: Direct



Photograph 27 Date: 10/31/2025  
 Description: Liner Hole Patched  
 View: West

Photograph 28 Date: 11/07/2025  
 Description: Secondary Liner  
 View: Direct



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 29 Date: 11/07/2025  
Description: Secondary Liner  
View: Direct

Photograph 30 Date: 11/11/2025  
Description: Delineation (SS26)  
View: West



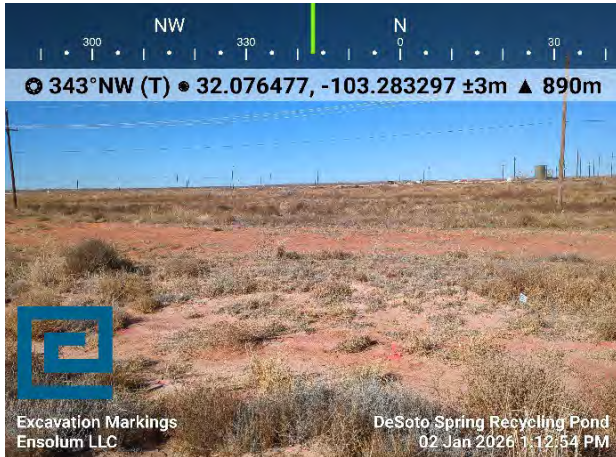
Photograph 31 Date: 11/11/2025  
Description: Description (SS33)  
View: West

Photograph 32 Date: 11/11/2025  
Description: Delineation (SS28)  
View: West



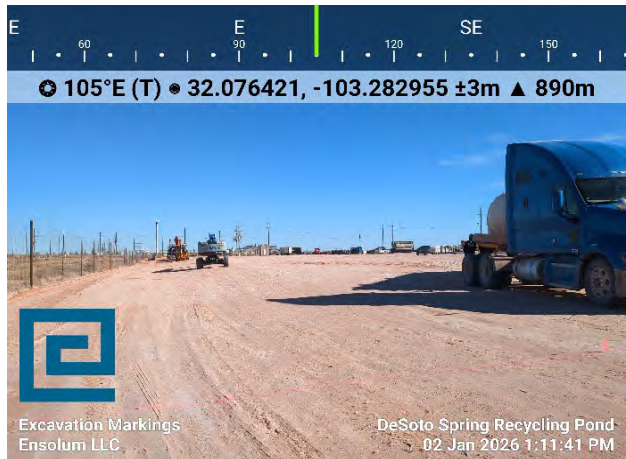


**Photographic Log**  
 Matador Production Company  
 Desoto Springs Recycling Pond  
 nAPP2526466779



Photograph 33 Date: 01/02/2026  
 Description: Excavation Markings  
 View: North

Photograph 34 Date: 01/02/2026  
 Description: Excavation Markings  
 View: Southwest



Photograph 35 Date: 01/02/2026  
 Description: Excavation Markings  
 View: South

Photograph 36 Date: 01/02/2026  
 Description: Excavation Markings  
 View: East

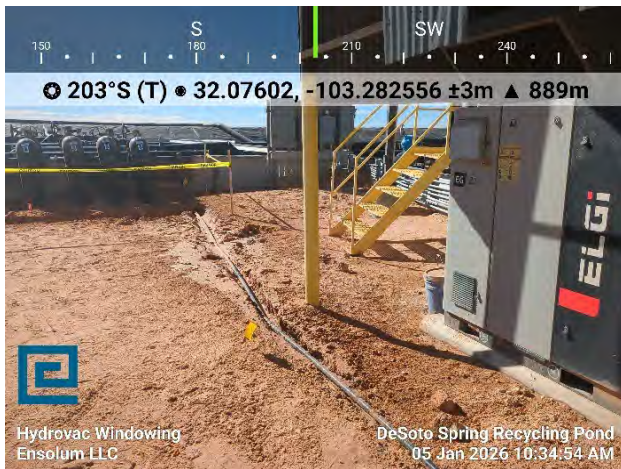


**Photographic Log**  
 Matador Production Company  
 Desoto Springs Recycling Pond  
 nAPP2526466779



Photograph 37 Date: 01/05/2026  
 Description: Excavation Crew  
 View: Northeast

Photograph 38 Date: 01/05/2026  
 Description: Hydrovac Line Windowing  
 View: West



Photograph 39 Date: 01/05/2026  
 Description: Hydrovac Line Windowing  
 View: West

Photograph 40 Date: 01/05/2026  
 Description: Hydrovac Line Windowing  
 View: South



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779

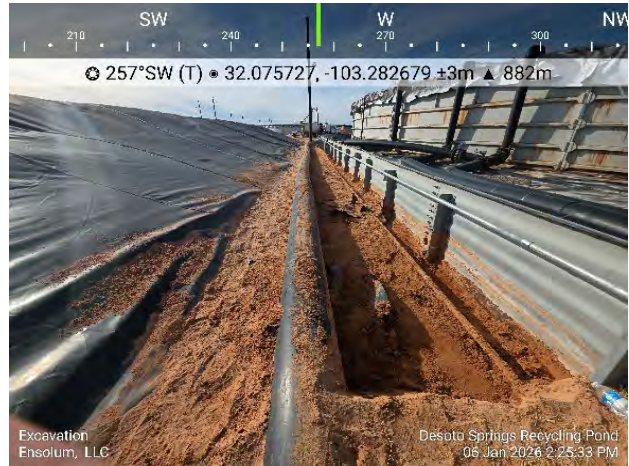


Photograph 41  
Description: Excavation  
View: Northeast

Date: 01/06/2026

Photograph 42  
Description: Hydrovac  
View: Southwest

Date: 01/06/2026



Photograph 43  
Description: Hydrovac Windowing  
View: North

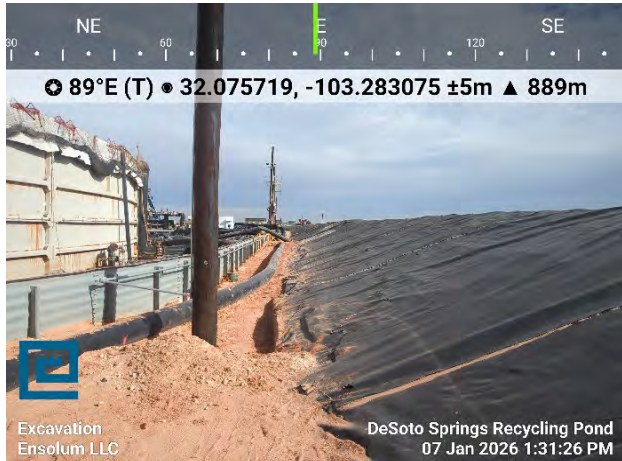
Date: 01/06/2026

Photograph 44  
Description: Excavation  
View: West

Date: 01/06/2026

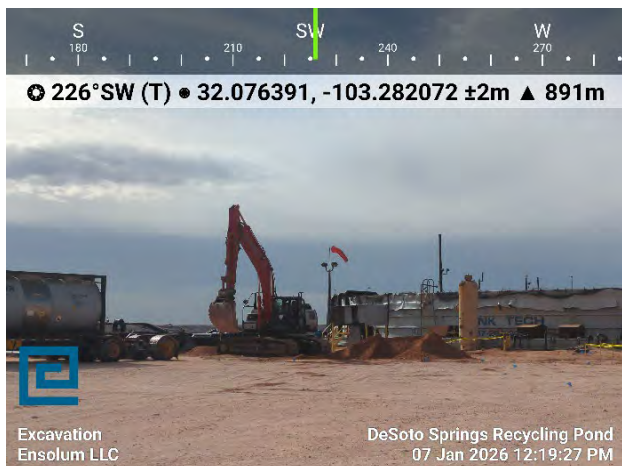


**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 45 Date: 01/07/2026  
Description: Excavation with Link-Belt 300x4  
View: Southeast

Photograph 46 Date: 01/07/2026  
Description: Excavation Area  
View: East

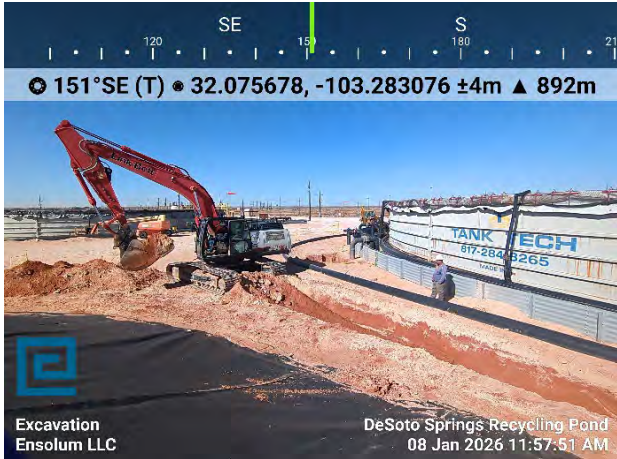


Photograph 47 Date: 01/07/2026  
Description: Excavation  
View: Northeast

Photograph 48 Date: 01/07/2026  
Description: Secondary Liner  
View: Southwest



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 49 Date: 01/08/2026  
Description: Excavation Activity  
View: Northwest (Solocator Compass Incorrect)

Photograph 50 Date: 01/08/2026  
Description: Excavation Area  
View: Northwest

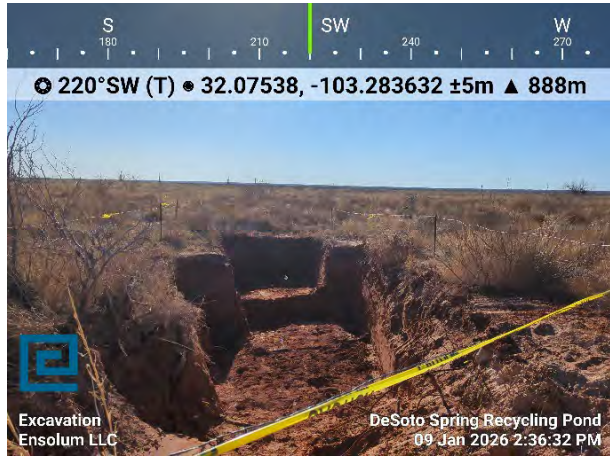


Photograph 51 Date: 01/08/2026  
Description: Excavation Activity  
View: North

Photograph 52 Date: 01/08/2026  
Description: Excavation Activity  
View: East (Solocator Compass Incorrect)



**Photographic Log**  
 Matador Production Company  
 Desoto Springs Recycling Pond  
 nAPP2526466779



Photograph 53 Date: 01/09/2026  
 Description: Excavation Area  
 View: Southwest

Photograph 54 Date: 01/09/2026  
 Description: Spoil Pile  
 View: North



Photograph 55 Date: 01/09/2026  
 Description: Spoil Pile  
 View: North

Photograph 56 Date: 01/09/2026  
 Description: Excavation Area  
 View: Northwest

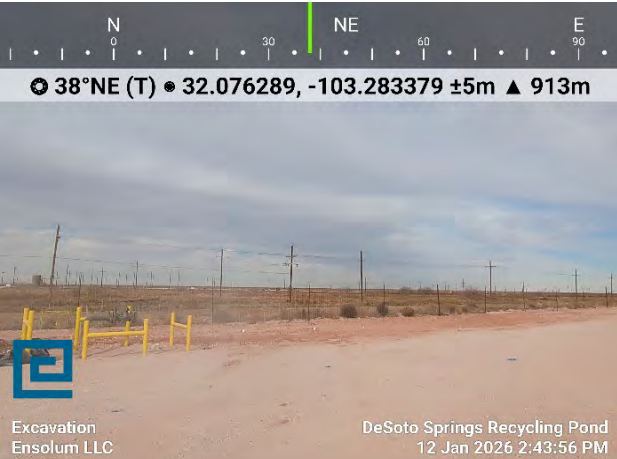


**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 57 Date: 01/12/2026  
Description: Spoil Pile and JD 614K Wheel Loader  
View: East

Photograph 58 Date: 01/12/2026  
Description: Excavation and Spoil Pile  
View: Northwest

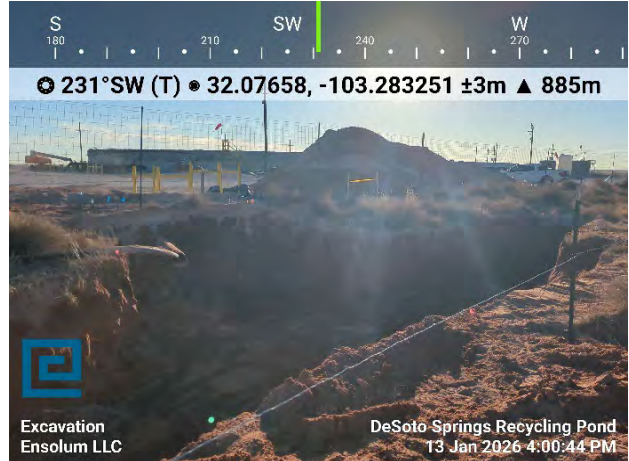


Photograph 59 Date: 01/12/2026  
Description: Excavation  
View: Northeast

Photograph 60 Date: 01/12/2026  
Description: Excavation  
View: Southeast

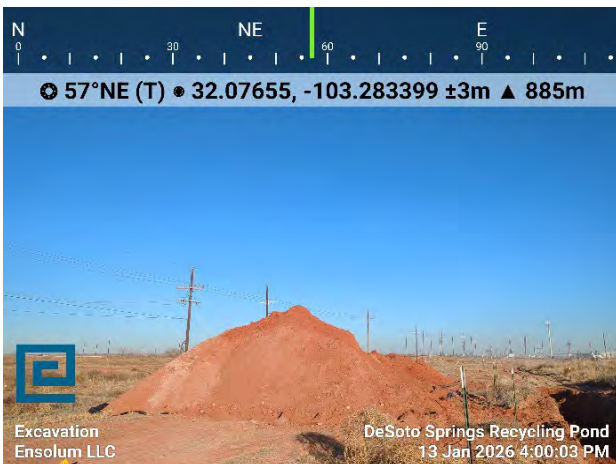


**Photographic Log**  
 Matador Production Company  
 DeSoto Springs Recycling Pond  
 nAPP2526466779



Photograph 61 Date: 01/13/2026  
 Description: Excavation Area  
 View: East

Photograph 62 Date: 01/13/2026  
 Description: Excavation Area  
 View: Southwest



Photograph 63 Date: 01/13/2026  
 Description: Spoil Pile  
 View: Northeast

Photograph 64 Date: 01/13/2026  
 Description: Excavation Activity  
 View: South



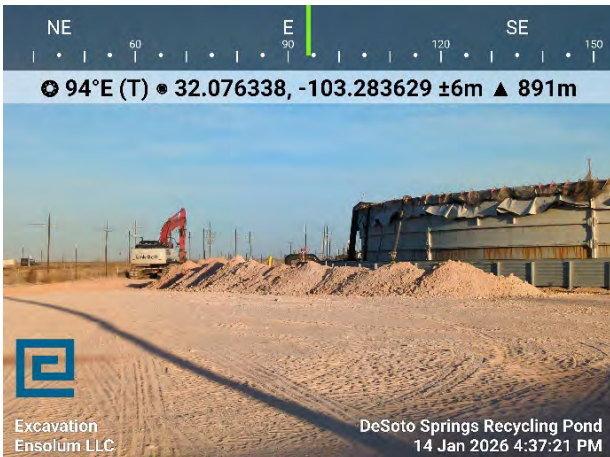


**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 65 Date: 01/14/2026  
Description: Excavation Area  
View: South

Photograph 66 Date: 01/14/2026  
Description: Spoil Pile  
View: Northeast



Photograph 67 Date: 01/14/2026  
Description: Excavation Activity  
View: East

Photograph 68 Date: 01/14/2026  
Description: Excavation Area and Spoil Piles  
View: Northeast



**Photographic Log**  
 Matador Production Company  
 DeSoto Springs Recycling Pond  
 nAPP2526466779



Photograph 69 Date: 01/15/2026  
 Description: Excavation Activity  
 View: Northeast

Photograph 70 Date: 01/15/2026  
 Description: Spoil Pile  
 View: Northwest



Photograph 71 Date: 01/15/2026  
 Description: Spoil Pile in Excavation Area  
 View: East

Photograph 72 Date: 01/15/2026  
 Description: Excavation Area  
 View: South



**Photographic Log**  
 Matador Production Company  
 DeSoto Springs Recycling Pond  
 nAPP2526466779



Photograph 73 Date: 01/16/2026  
 Description: Excavation Activity  
 View: Southeast



Photograph 74 Date: 01/16/2026  
 Description: Excavation Area  
 View: East



Photograph 75 Date: 01/16/2026  
 Description: Spoil Pile  
 View: East



Photograph 76 Date: 01/16/2026  
 Description: Excavation Area  
 View: South



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 77 Date: 01/19/2026  
Description: Excavation Activity  
View: Southwest

Photograph 78 Date: 01/19/2026  
Description: Excavation Area  
View: West



Photograph 79 Date: 01/19/2026  
Description: Excavation Area  
View: West

Photograph 80 Date: 01/19/2026  
Description: Excavation Area  
View: South/ Southwest



**Photographic Log**  
 Matador Production Company  
 DeSoto Springs Recycling Pond  
 nAPP2526466779



Photograph 81 Date: 01/20/2026  
 Description: Excavation Activity  
 View: East/ Southeast

Photograph 82 Date: 01/20/2026  
 Description: Excavation Area  
 View: Northeast

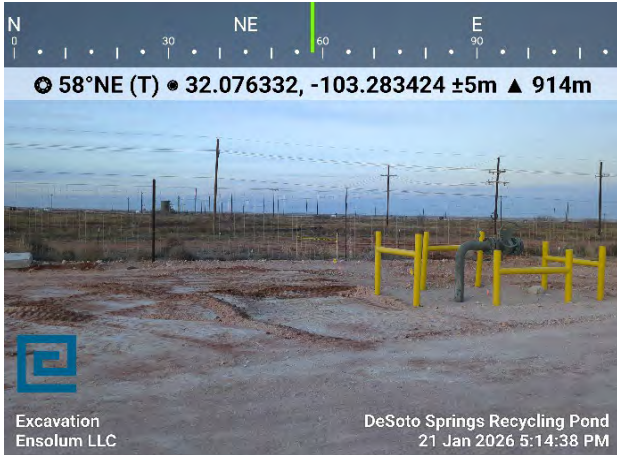


Photograph 83 Date: 01/20/2026  
 Description: Excavation Area and Equipment  
 View: East

Photograph 84 Date: 01/20/2026  
 Description: Excavation Area  
 View: East

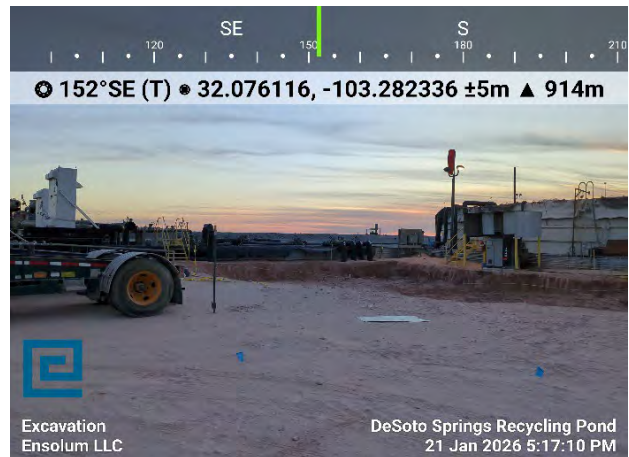
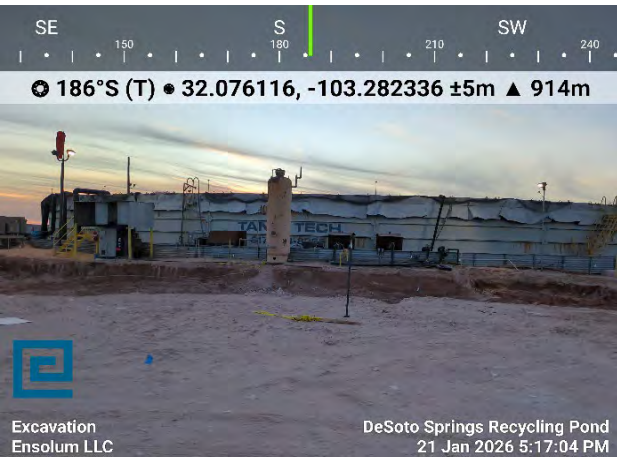


**Photographic Log**  
 Matador Production Company  
 DeSoto Springs Recycling Pond  
 nAPP2526466779



Photograph 85 Date: 01/21/2026  
 Description: Excavation Area  
 View: Northeast

Photograph 86 Date: 01/21/2026  
 Description: Excavation Area  
 View: East



Photograph 87 Date: 01/21/2026  
 Description: Excavation Area  
 View: South

Photograph 88 Date: 01/21/2026  
 Description: Excavation Area  
 View: South/ Southeast



**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779



Photograph 89 Date: 01/27/2026  
Description: Excavation Activity  
View: Northeast

Photograph 90 Date: 01/27/2026  
Description: Excavation Area  
View: West

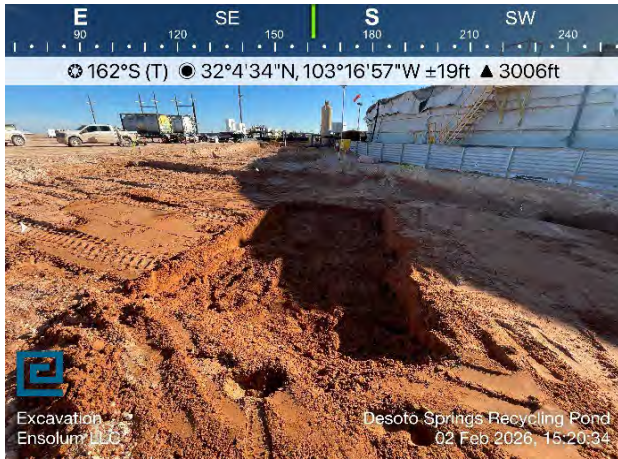


Photograph 91 Date: 01/27/2026  
Description: Excavation Area  
View: South

Photograph 92 Date: 01/27/2026  
Description: Excavation Area  
View: North



**Photographic Log**  
 Matador Production Company  
 Desoto Springs Recycling Pond  
 nAPP2526466779



Photograph 93 Date: 02/02/2026  
 Description: Excavation Area  
 View: South/ Southeast

Photograph 94 Date: 02/02/2026  
 Description: Excavation Area  
 View: West



Photograph 95 Date: 02/02/2026  
 Description: Excavation Activity  
 View: West

Photograph 96 Date: 02/02/2026  
 Description: Excavation Area  
 View: East





**Photographic Log**  
Matador Production Company  
Desoto Springs Recycling Pond  
nAPP2526466779

NE E SE S SW  
80 90 120 150 180 210  
133°SE (T) 32°4'34"N, 103°16'56"W ±16ft ▲ 3000ft



FS 197  
Ensolum LLC

Desoto Springs Recycling Pond  
10 Feb 2026, 12:08:33

S SW W NW  
150 180 210 240 270 300  
233°SW (T) 32°4'35"N, 103°16'58"W ±16ft ▲ 3005ft



FS 143  
Ensolum LLC

Desoto Springs Recycling Pond  
10 Feb 2026, 12:10:15

Photograph 97 Date: 02/10/2026  
Description: Excavation Area  
View: Southeast

Photograph 98 Date: 02/10/2026  
Description: Excavation Area  
View: Southwest

SE S SW W NW  
150 180 210 240 270 300  
224°SW (T) 32°4'35"N, 103°16'56"W ±16ft ▲ 3002ft



FS 197  
Ensolum LLC

Desoto Springs Recycling Pond  
10 Feb 2026, 12:08:45

NE E SE S  
30 60 90 120 150 180  
104°E (T) 32°4'34"N, 103°16'58"W ±16ft ▲ 2995ft



Excavation Area  
Ensolum LLC

Desoto Springs Recycling Pond  
10 Feb 2026, 12:10:45

Photograph 99 Date: 02/10/2026  
Description: Excavation Activity  
View: Southwest

Photograph 100 Date: 02/10/2026  
Description: Excavation Area  
View: East

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

QUESTIONS

Action 565697

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2526466779
Incident Name	NAPP2526466779 DESOTO SPRING RECYCLING POND @ A-05-26S-36E
Incident Type	Produced Water Release
Incident Status	Deferral Request Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Desoto Spring Recycling Pond
Date Release Discovered	09/21/2025
Surface Owner	Private

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 6,354 BBL   Recovered: 6,300 BBL   Lost: 54 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)	As circling the AST #3 to the AST # 2 the Male end threads on the Camlock broke and caused the release

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QUESTIONS, Page 2

Action 565697

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

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

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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: <a href="mailto:jason.touchet@matadorresources.com">jason.touchet@matadorresources.com</a> Date: 03/23/2026
--	--

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QUESTIONS, Page 3

Action 565697

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	48800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10690
GRO+DRO (EPA SW-846 Method 8015M)	6890
BTEX (EPA SW-846 Method 8021B or 8260B)	3
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	01/05/2026
On what date will (or did) the final sampling or liner inspection occur	02/10/2026
On what date will (or was) the remediation complete(d)	02/10/2026
What is the estimated surface area (in square feet) that will be reclaimed	26967
What is the estimated volume (in cubic yards) that will be reclaimed	2228
What is the estimated surface area (in square feet) that will be remediated	5600
What is the estimated volume (in cubic yards) that will be remediated	148

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 565697

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Northern Delaware Basin Landfill
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: <a href="mailto:jason.touchet@matadorresources.com">jason.touchet@matadorresources.com</a> Date: 03/23/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 565697

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Areas include a storage tank, lined secondary containment, process piping, transfer pumps, and misc. equipment.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	48852
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	11761
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-50883 FIRETHORN FEDERAL COM 26 36 04 #127H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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: 03/23/2026

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Oil Conservation Division  
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QUESTIONS, Page 6

Action 565697

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>551356</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>02/10/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>2</b>
What was the sampling surface area in square feet	<b>400</b>

**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	<b>No</b>
--	-----------

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CONDITIONS

Action 565697

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 565697
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	Matador's deferral requests final remediation for (Incident Number NAPP2526466779) until final reclamation of the well pad/facility or major construction, whichever comes first. Ensolum and Matador do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the area designated as "Deferral Area" on the "Area of Requested Deferral Map" (Figure 4) that is limited to areas around active production equipment (heater treater, pipe rack, secondary lined containment, produced water storage tank (AST), transfer pumps, and vapor recovery tower), where remediation would require major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	3/24/2026