



December 17, 2025

New Mexico Oil Conservation Division

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

**Re: Closure Request Denial Response
Closure Request dated October 30, 2025
Iggles Well Pad
Incident Numbers nAPP2514028173
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request Denial Response* to the New Mexico Oil Conservation Division (NMOCD) in reference to the *Closure Request*, dated October 30, 2025, prepared by Ensolum for the above referenced Site. Ensolum offers the following responses to the NMOCD comments:

- 1. Under the Site Characterization portion of the C-141 application, to the question “What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A wetland” was answered “Between ½ and 1 (mi.)” According to the National Wetlands Inventory Mapper, there is a wetland riverine located between 500-1000 feet to the southeast. Upon C-141 application resubmission, this distance must be updated under the Site Characterization section.**

Ensolum acknowledges the NMOCD comment and agrees the identified wetland, located approximately 0.53 miles to the southeast of the Site is not the closest mapped wetland as defined by 19.15.7.7.P NMAC and a wetland riverine is located approximately 886 feet southeast of the Site. The Site Characterization portion of the C-141 has been updated accordingly. Based on the new distance included in the Site Characterization, the Closure Criteria does not change the closure requirements for the Site included in the original *Closure Request* and therefore 19.15.29.12C(4) continues to be met.

- 2. On pg. 3 of remediation summary it says: “Ensolum personnel returned to the Site on September 25, 2025, to oversee a surface scrape of the impacted area on pad and to collect confirmation soil samples within the release extent.” Photograph 27 shows surface soil staining around production equipment. Why was this area not scraped? Were confirmation samples collected between the equipment shown here?**

On December 10, 2025, Ensolum personnel returned to the Site to oversee the scrape and collection of three additional confirmation floor soil samples (FS62, FS63, and FS64) in the area of potential soil staining identified by NMOCD. The area was scraped via backhoe, and the soil samples were collected at a depth of 0.5 feet below ground surface (bgs). Ensolum personnel

Matador Production Company
Iggles Well Pad
Closure Request Denial Response



collected 5-point composite soil samples representing no more than 400 square feet from the floor of the scraped area, consistent with the variance confirmation sampling frequency approved by the NMOCD. Soil from the confirmation floor samples were field screened for total petroleum hydrocarbons (TPH) utilizing a calibrated PetroFLAG® soil analyzer system and chloride using Hach® chloride QuanTab® test strips. 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. 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 constituents of concern (COCs): benzene, toluene, ethylbenzene, and total xylenes (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. The excavation soil sample locations are depicted on Figure 3. Photographs were taken during the excavation and soil sampling activities, and a photographic log is included in Appendix A.

Laboratory analytical results for the excavation soil samples indicated all COCs were in compliance with the Site Closure Criteria. Laboratory analytical results are summarized in Table 2, and the complete laboratory analytical report is included as Appendix B.

CLOSURE REQUEST

As stated in the original *Closure Request*, dated October 30, 2025 (Attachment C), the release extent has been laterally defined in accordance with the strictest Closure Criteria by delineation soil samples SS01 through SS04, SS05C, and SS07, collected at ground surface and vertically by boreholes BH01 through BH05, collected at depths ranging from 1-foot to 6 feet bgs. Excavation of impacted soil exceeding the applicable Site Closure Criteria was completed, and additional excavation of potentially stained soils was conducted in December 2025. The additional collection of floor samples FS62 through FS64, collected at a depth of 0.5 feet bgs, indicated soils remaining in place are in compliance with the applicable Site Closure Criteria.

Based on the remedial actions completed to date, Matador believes these remedial actions are protective of human health, the environment, and groundwater have requirements set forth in 19.15.29 NMAC have been adhered to and as such, respectfully requests closure for Incident Number nAPP2514028173.

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

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)
Senior Managing Geologist

cc: Jason Touchet, Matador Production Company



Matador Production Company
Iggles Well Pad
Closure Request Denial Response



Attachments:

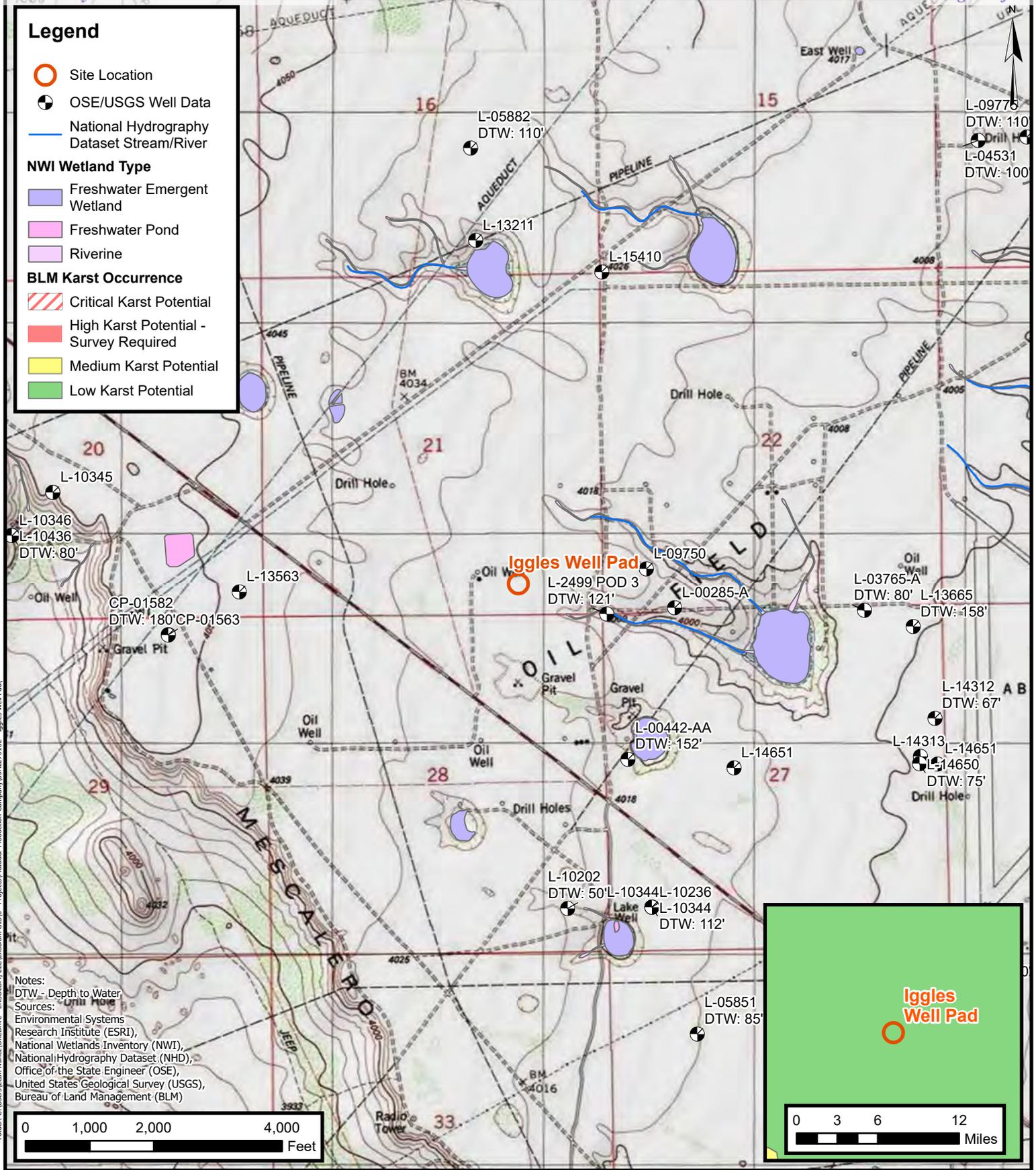
- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations

- Table 1 Soil Sample Analytical Results (Delineation Soil Samples)
- Table 2 Soil Sample Analytical Results (Excavation Floor and Sidewall Soil Samples)

- Appendix A Photographic Log
- Appendix B Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix C Remediation Closure Request



FIGURES



Site Receptor Map

Matador Production Company
 Iggles Well Pad
 Incident Number: nAPP2514028173
 Unit O, Section 21, T 18S, R 34E
 Lea County, New Mexico

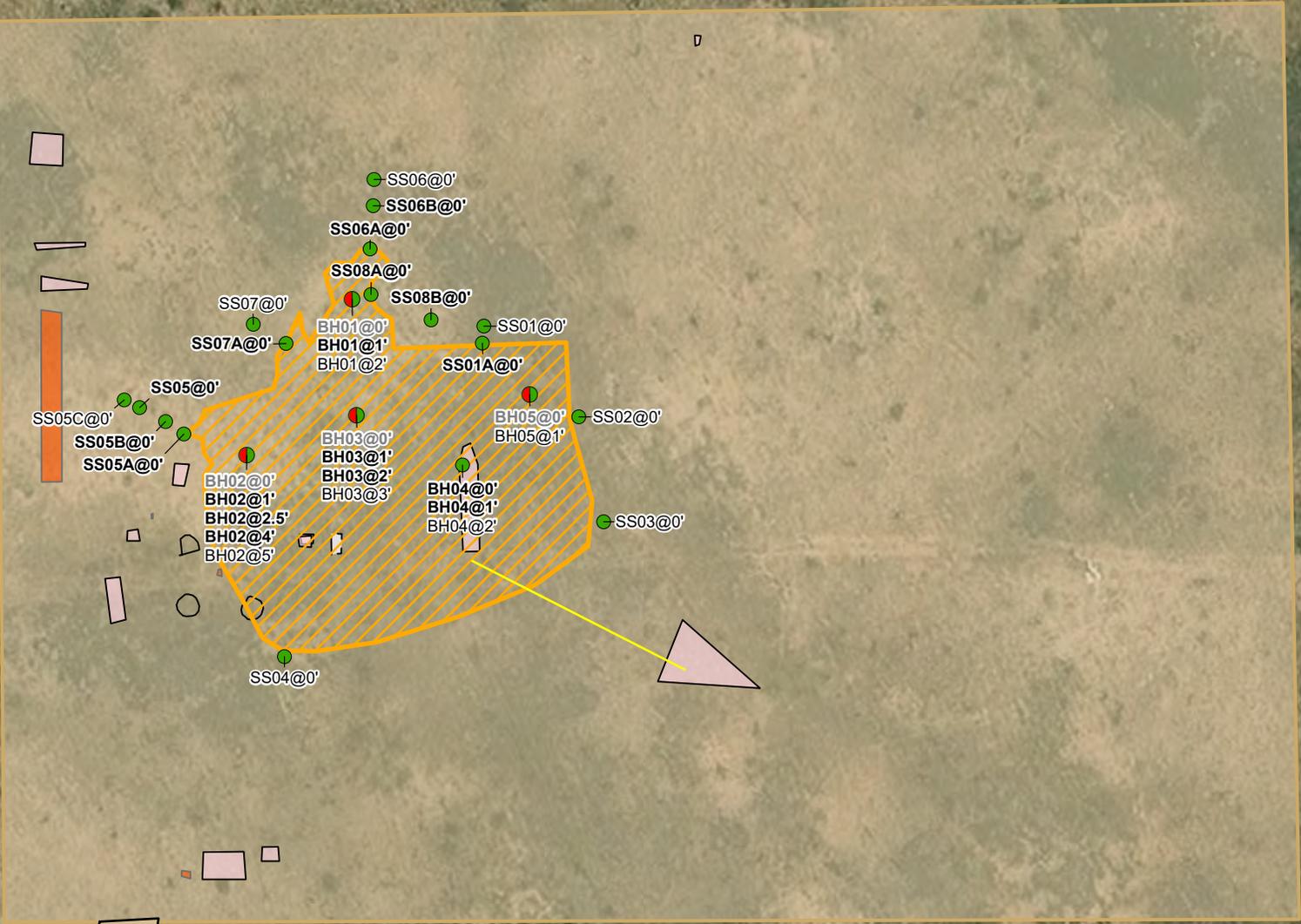
FIGURE

1

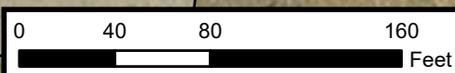


Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- OIL AND GAS UTILITY
- Pad Boundary
- Facility
- Electrical
- Road
- Concrete
- Infrastructure
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in **bold** indicate sample exceeded applicable Closure Criteria.



Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

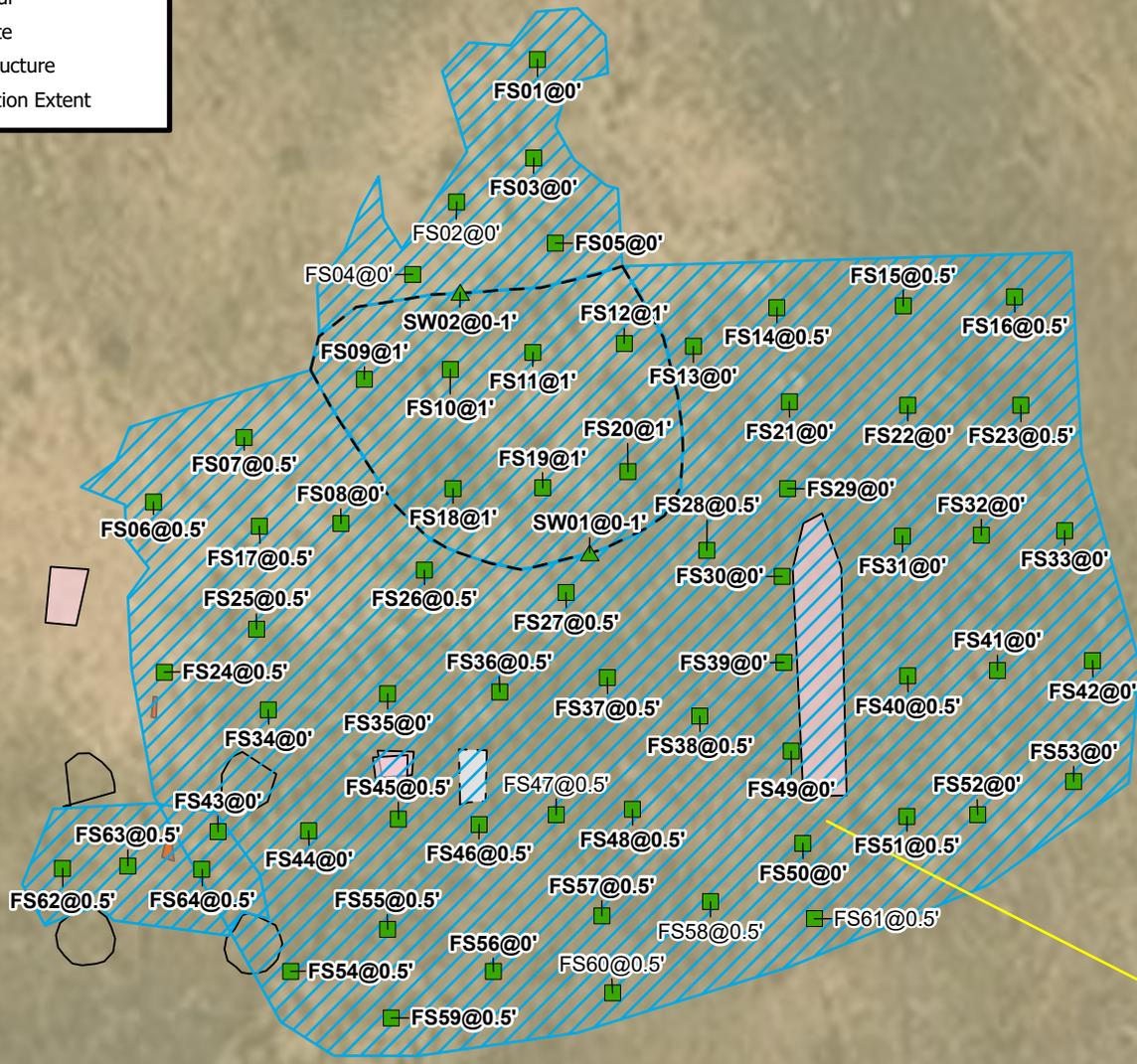
Matador Production Company
 Iggles Well Pad
 Incident Number: nAPP2514028173
 Unit O, Section 21, T 18S, R 34E
 Lea County, New Mexico

FIGURE
2



Legend

- Excavation Floor Soil Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Soil Sample in Compliance with Closure Criteria
- OIL AND GAS UTILITY
- - Sidewall Extent 0-1'
- Pad Boundary
- Facility
- Electrical
- Concrete
- Infrastructure
- Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Concentrations in **bold** exceed the NMOCD Table I
 Closure Criteria reclamation standard where applicable.
 Red text represents samples that exceed Closure Criteria.



Sources: Environmental Systems Research Institute (ESRI)

Excavation Soil Sample Locations

Matador Production Company
 Iggles Well Pad
 Incident Number: nAPP2514028173
 Unit O, Section 21, T 18S, R 34E
 Lea County, New Mexico

FIGURE
3





TABLES





TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Reclamation Requirement (NMAC 19.15.29.13.D) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| SS01 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 40.9 |
| SS01A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,680 |
| SS02 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 117 |
| SS03 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 404 |
| SS04 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 513 |
| SS05 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 33.5 | 51.4 | 33.5 | 84.9 | 626 |
| SS05A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 176 | 186 | 176 | 362 | 712 |
| SS05B | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 28.4 | <50.0 | 28.4 | <50.0 | 1,180 |
| SS05C | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 110 |
| SS06 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 140 |
| SS06A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 64.9 | 85.2 | 64.9 | 150 | 1,140 |
| SS06B | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 44.9 | 64.3 | 44.9 | 109 | 1,160 |
| SS07 | 8/4/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 586 |
| SS07A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 77.6 | 97.8 | 77.6 | 175 | 2,120 |
| SS08A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 7,410 |
| SS08B | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 175 | 281 | 175 | 456 | 4,940 |
| BH01 | 7/9/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 125 | 150 | 125 | 275 | 4,230 |
| BH01 | 7/9/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 9,970 |
| BH01 | 7/9/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 72.0 |
| BH02 | 7/9/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 27.3 | <50.0 | 27.3 | 27.3 | 1,100 |
| BH02 | 7/9/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 49.6 | 53.2 | 49.6 | 103 | 2,280 |
| BH02 | 8/4/2025 | 2.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 5,720 |
| BH02 | 8/11/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,430 |
| BH02 | 8/11/2025 | 5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 214 |
| BH03 | 7/9/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 3450 | 4,150 | 3450 | 7,600 | 19,100 |
| BH03 | 7/9/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,030 |
| BH03 | 7/9/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,010 |
| BH03 | 7/9/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 79.7 |
| BH04 | 7/10/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 340 | 365 | 340 | 705 | 15,800 |



TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Reclamation Requirement (NMAC 19.15.29.13.D) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| BH04 | 7/10/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,080 |
| BH04 | 7/10/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 129 |
| BH05 | 7/10/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 521 | 750 | 521 | 1,271 | 9,780 |
| BH05 | 7/10/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 25.0 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: 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

Concentrations in **bold** exceed the NMOCD reclamation standard where applicable.

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Reclamation Requirement (NMAC 19.15.29.13.D) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS01 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,110 |
| FS02 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 515 |
| FS03 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 94.9 | 169 | 94.9 | 264 | 7,880 |
| FS04 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 33.3 |
| FS05 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,800 |
| FS06 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,770 |
| FS07 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,550 |
| FS08 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,670 |
| FS09 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,080 |
| FS10 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,130 |
| FS11 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 31.1 | <50.0 | 31.1 | <50.0 | 7,620 |
| FS12 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,870 |
| FS13 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,550 |
| FS14 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 11,800 |
| FS15 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 10,600 |
| FS16 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 9,270 |
| FS17 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 111 | 146 | 111 | 257 | 1,240 |
| FS18 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 130 | 144 | 130 | 274 | 7,110 |
| FS19 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 35.2 | <50.0 | 35.2 | <50.0 | 8,440 |
| FS20 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 72.2 | 76.6 | 72.2 | 149 | 7,780 |
| FS21 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 150 | 302 | 150 | 452 | 8,590 |
| FS22 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 49.4 | 66.1 | 49.4 | 116 | 13,000 |
| FS23 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 49.1 | 79.4 | 49.1 | 129 | 5,350 |
| FS24 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 5,840 |
| FS25 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,320 |
| FS26 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 26.9 | <50.0 | 26.9 | <50.0 | 1,980 |
| FS27 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,850 |
| FS28 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,870 |
| FS29 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 219 | 324 | 219 | 543 | 10,900 |

TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Reclamation Requirement (NMAC 19.15.29.13.D) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS30 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 135 | 205 | 135 | 340 | 12,700 |
| FS31 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,780 |
| FS32 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,550 |
| FS33 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,920 |
| FS34 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 40.5 | 60.0 | 40.5 | 101 | 4,930 |
| FS35 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 430 | 131 | 430 | 561 | 2,780 |
| FS36 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,090 |
| FS37 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,950 |
| FS38 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,320 |
| FS39 | 9/29/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 115 | 170 | 115 | 285 | 14,200 |
| FS40 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 37.5 | <50.0 | 37.5 | <50.0 | 8,730 |
| FS41 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,730 |
| FS42 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 174 | 257 | 174 | 431 | 8,420 |
| FS43 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 300 | 379 | 300 | 679 | 415 |
| FS44 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 179 | 161 | 179 | 340 | 8,140 |
| FS45 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,390 |
| FS46 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,260 |
| FS47 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 145 |
| FS48 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,350 |
| FS49 | 9/29/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 393 | 512 | 393 | 905 | 3,180 |
| FS50 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,220 |
| FS51 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,100 |
| FS52 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 8,210 |
| FS53 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,790 |
| FS54 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,690 |
| FS55 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 106 | 149 | 106 | 255 | 4,180 |
| FS56 | 9/29/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 562 | 790 | 562 | 1,352 | 5,540 |

TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Reclamation Requirement (NMAC 19.15.29.13.D) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS57 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 614 |
| FS58 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 493 |
| FS59 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 884 |
| FS60 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 325 |
| FS61 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 144 |
| FS62 | 12/10/2025 | 0.5 | <0.0250 | 0.0584 | <20.0 | 378 | 243 | 378 | 621 | 5,710 |
| FS63 | 12/10/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 505 | 283 | 505 | 788 | 7,010 |
| FS64 | 12/10/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 343 | 204 | 343 | 547 | 6,890 |
| Excavation Sidewall Soil Samples | | | | | | | | | | |
| SW01 | 9/26/2025 | 0-1 | <0.0250 | <0.0500 | <20.0 | 75.8 | 125 | 75.8 | 201 | 6,920 |
| SW02 | 9/26/2025 | 0-1 | <0.0250 | <0.0500 | <20.0 | 116 | <50.0 | 116 | 116 | 5,600 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: 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

Concentrations in **bold** exceed the NMOCD reclamation standard where applicable.

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Photographic Log



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 1 Date: 12/10/2025
Description: Excavation
View: Southeast



Photograph 2 Date: 12/10/2025
Description: Excavation
View: East



Photograph 3 Date: 12/10/2025
Description: Excavation
View: Southeast



Photograph 4 Date: 12/10/2025
Description: Excavation
View: East



APPENDIX B

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Iggles Well Pad

Work Order: E512105

Job Number: 23003-0002

Received: 12/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/15/25

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: 12/15/25



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

Project Name: Iggles Well Pad
Workorder: E512105
Date Received: 12/11/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/11/2025 7:30:00AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/25 08:42 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS62-0.5' | E512105-01A | Soil | 12/10/25 | 12/11/25 | Glass Jar, 2 oz. |
| FS63-0.5' | E512105-02A | Soil | 12/10/25 | 12/11/25 | Glass Jar, 2 oz. |
| FS64-0.5' | E512105-03A | Soil | 12/10/25 | 12/11/25 | Glass Jar, 2 oz. |



Case Narrative:

Project Name: Iggles Well Pad
Workorder: E512105
Date Received: 12/11/25 07:30

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> |
|--------------------|----------------------|-----------------|
| FS63-0.5' | E512105-02A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

FS62-0.5'

E512105-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---------------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: MB | | Batch: 2550071 | |
| Benzene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| Toluene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| p,m-Xylene | 0.0584 | 0.0500 | 1 | 12/11/25 | 12/11/25 | |
| Total Xylenes | 0.0584 | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 108 % | 70-130 | 12/11/25 | 12/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: MB | | Batch: 2550071 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 86.3 % | 70-130 | 12/11/25 | 12/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2550070 | |
| Diesel Range Organics (C10-C28) | 378 | 25.0 | 1 | 12/11/25 | 12/11/25 | |
| Oil Range Organics (C28-C36) | 243 | 50.0 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: n-Nonane</i> | | 94.6 % | 61-141 | 12/11/25 | 12/11/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: TP | | Batch: 2550074 | |
| Chloride | 5710 | 40.0 | 2 | 12/11/25 | 12/11/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

FS63-0.5'

E512105-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2550071 |
| Benzene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| Toluene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/11/25 | 12/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 108 % | 70-130 | 12/11/25 | 12/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2550071 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 112 % | 70-130 | 12/11/25 | 12/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2550087 |
| Diesel Range Organics (C10-C28) | 505 | 25.0 | 1 | 12/12/25 | 12/12/25 | |
| Oil Range Organics (C28-C36) | 313 | 50.0 | 1 | 12/12/25 | 12/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 95.4 % | 61-141 | 12/12/25 | 12/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2550074 |
| Chloride | 7010 | 100 | 5 | 12/11/25 | 12/11/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

FS64-0.5'

E512105-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2550071 |
| Benzene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| Toluene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/11/25 | 12/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 107 % | 70-130 | 12/11/25 | 12/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2550071 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 86.1 % | 70-130 | 12/11/25 | 12/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2550070 |
| Diesel Range Organics (C10-C28) | 343 | 25.0 | 1 | 12/11/25 | 12/11/25 | |
| Oil Range Organics (C28-C36) | 204 | 50.0 | 1 | 12/11/25 | 12/11/25 | |
| <i>Surrogate: n-Nonane</i> | | 90.2 % | 61-141 | 12/11/25 | 12/11/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2550074 |
| Chloride | 6890 | 100 | 5 | 12/11/25 | 12/11/25 | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2550071-BLK1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.67 | | 8.00 | | 108 | 70-130 | | | |

LCS (2550071-BS1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.52 | 0.0250 | 5.00 | | 90.3 | 70-130 | | | |
| Ethylbenzene | 4.31 | 0.0250 | 5.00 | | 86.1 | 70-130 | | | |
| Toluene | 4.46 | 0.0250 | 5.00 | | 89.3 | 70-130 | | | |
| o-Xylene | 4.37 | 0.0250 | 5.00 | | 87.4 | 70-130 | | | |
| p,m-Xylene | 8.82 | 0.0500 | 10.0 | | 88.2 | 70-130 | | | |
| Total Xylenes | 13.2 | 0.0250 | 15.0 | | 88.0 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.28 | | 8.00 | | 104 | 70-130 | | | |

Matrix Spike (2550071-MS1)

Source: E512105-02

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.53 | 0.0250 | 5.00 | ND | 90.7 | 70-130 | | | |
| Ethylbenzene | 4.31 | 0.0250 | 5.00 | ND | 86.2 | 70-130 | | | |
| Toluene | 4.47 | 0.0250 | 5.00 | ND | 89.5 | 70-130 | | | |
| o-Xylene | 4.36 | 0.0250 | 5.00 | ND | 87.2 | 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 | 87.8 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.00 | | 8.00 | | 113 | 70-130 | | | |

Matrix Spike Dup (2550071-MSD1)

Source: E512105-02

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.85 | 0.0250 | 5.00 | ND | 97.0 | 70-130 | 6.72 | 27 | |
| Ethylbenzene | 4.61 | 0.0250 | 5.00 | ND | 92.1 | 70-130 | 6.61 | 26 | |
| Toluene | 4.77 | 0.0250 | 5.00 | ND | 95.5 | 70-130 | 6.48 | 20 | |
| o-Xylene | 4.66 | 0.0250 | 5.00 | ND | 93.2 | 70-130 | 6.59 | 25 | |
| p,m-Xylene | 9.40 | 0.0500 | 10.0 | ND | 94.0 | 70-130 | 6.46 | 23 | |
| Total Xylenes | 14.1 | 0.0250 | 15.0 | ND | 93.7 | 70-130 | 6.50 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.93 | | 8.00 | | 112 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2550071-BLK1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.98 | | 8.00 | | 112 | 70-130 | | | |

LCS (2550071-BS2)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.5 | 20.0 | 50.0 | | 92.9 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 9.05 | | 8.00 | | 113 | 70-130 | | | |

Matrix Spike (2550071-MS2)

Source: E512105-02

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---|------|------|------|----|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 54.1 | 20.0 | 50.0 | ND | 108 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 9.16 | | 8.00 | | 115 | 70-130 | | | |

Matrix Spike Dup (2550071-MSD2)

Source: E512105-02

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---|------|------|------|----|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 55.3 | 20.0 | 50.0 | ND | 111 | 70-130 | 2.25 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.94 | | 8.00 | | 112 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2550070-BLK1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 46.9 | | 50.0 | | 93.9 | 61-141 | | | |

LCS (2550070-BS1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 253 | 25.0 | 250 | | 101 | 66-144 | | | |
| Surrogate: n-Nonane | 49.0 | | 50.0 | | 97.9 | 61-141 | | | |

Matrix Spike (2550070-MS1)

Source: E512103-01

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 272 | 25.0 | 250 | ND | 109 | 56-156 | | | |
| Surrogate: n-Nonane | 53.1 | | 50.0 | | 106 | 61-141 | | | |

Matrix Spike Dup (2550070-MSD1)

Source: E512103-01

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 106 | 56-156 | 2.05 | 20 | |
| Surrogate: n-Nonane | 52.1 | | 50.0 | | 104 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2550087-BLK1)

Prepared: 12/12/25 Analyzed: 12/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 48.8 | | 50.0 | | 97.6 | 61-141 | | | |

LCS (2550087-BS1)

Prepared: 12/12/25 Analyzed: 12/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 243 | 25.0 | 250 | | 97.3 | 66-144 | | | |
| Surrogate: n-Nonane | 49.5 | | 50.0 | | 98.9 | 61-141 | | | |

LCS Dup (2550087-BSD1)

Prepared: 12/12/25 Analyzed: 12/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 274 | 25.0 | 250 | | 110 | 66-144 | 12.0 | 20 | |
| Surrogate: n-Nonane | 54.5 | | 50.0 | | 109 | 61-141 | | | |

Matrix Spike (2550087-MS1)

Source: E512120-02

Prepared: 12/12/25 Analyzed: 12/12/25

| | | | | | | | | | |
|---------------------------------|-----|------|------|-----|-----|--------|--|--|----|
| Diesel Range Organics (C10-C28) | 746 | 25.0 | 250 | 816 | NR | 56-156 | | | M4 |
| Surrogate: n-Nonane | 140 | | 50.0 | | 280 | 61-141 | | | S5 |

Matrix Spike Dup (2550087-MSD1)

Source: E512120-02

Prepared: 12/12/25 Analyzed: 12/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|-----|------|--------|------|----|----|
| Diesel Range Organics (C10-C28) | 1040 | 25.0 | 250 | 816 | 88.6 | 56-156 | 32.7 | 20 | R3 |
| Surrogate: n-Nonane | 205 | | 50.0 | | 411 | 61-141 | | | S5 |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/2025 8:42:08AM |
|---|---|--|

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 (2550074-BLK1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2550074-BS1)

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2550074-MS1)

Source: E512103-02

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|----------|-----|------|-----|----|-----|--------|--|--|--|
| Chloride | 256 | 20.0 | 250 | ND | 102 | 80-120 | | | |
|----------|-----|------|-----|----|-----|--------|--|--|--|

Matrix Spike Dup (2550074-MSD1)

Source: E512103-02

Prepared: 12/11/25 Analyzed: 12/11/25

| | | | | | | | | | |
|----------|-----|------|-----|----|-----|--------|--------|----|--|
| Chloride | 256 | 20.0 | 250 | ND | 102 | 80-120 | 0.0867 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 12/15/25 08:42 |
|---|---|------------------------------------|

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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: 12/11/2025 8:42:31AM

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: 12/11/25 07:30 Work Order ID: E512105
Phone: (972) 371-5200 Date Logged In: 12/10/25 15:19 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 12/11/25 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? 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-DL

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

Date



envirotech Inc.

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--------------------------------------|--|--|--|---------------------|--|------------|--|-------------------------------------|----|----|--------------|----|----|----|----|
| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E512105 | | 23002000 | | <input checked="" type="checkbox"/> | | | | 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 | |
| 940 | 12/10/2025 | S | 1 | FS62 - 0.5' | | 1 | | | | | | | | | | X | | | 0.8 Client requested | |
| 849 | 12/10/2025 | S | 1 | FS63 - 0.5' | | 2 | | | | | | | | | | X | | | 1.6 requested | |
| 851 | 12/10/2025 | S | 1 | FS64 - 0.5' | | 3 | | | | | | | | | | X | | | 0.8 re-run for DRO-ORO rushed. | |
| | | | | | | | | | | | | | | | | | | | NS 12-12-25 | |

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>JM</i> | Date 12-10-25 | Time 711 | Received by: (Signature) <i>Marissa Gonzalez</i> | Date 12-10-25 | 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>Marissa Gonzalez</i> | Date 12-10-25 | Time 1430 | Received by: (Signature) <i>Nathan Gonzalez</i> | Date 12-10-25 | Time 1430 | |
| Relinquished by: (Signature) <i>Nathan Gonzalez</i> | Date 12-10-25 | Time 1915 | Received by: (Signature) <i>Jarad McCauley</i> | Date 12-10-25 | Time 1915 | |
| Relinquished by: (Signature) <i>JM</i> | Date 12-10-25 | Time 2300 | Received by: (Signature) <i>Carlynn</i> | Date 12-11-25 | Time 730 | |
| Relinquished by: (Signature) <i>JM</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.



APPENDIX C

Remediation Closure Request



October 30, 2025

New Mexico Energy Minerals and Natural Resources Department

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

**Re: Closure Request
Iggles Well Pad
Incident Number nAPP2514028173
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment, and soil sampling activities at the Iggles Well Pad (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water at the Site. Based on field observations, field screening activities, and laboratory analytical results from confirmation soil sampling activities, Matador is submitting this *Closure Request*, describing Site assessment, delineation, and confirmation sampling activities that have occurred and requesting no further action for Incident Number nAPP2514028173.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit O, Section 21, Township 18 South, Range 34 East, in Lea County, New Mexico (32.72718°, -103.56113°) and is associated with oil and gas exploration and production operations on State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On May 19, 2025, a 90 washed out on the high-pressure manifold during fracking operations, which resulted in the release of 40 barrels (bbls) of produced water on pad; 10 bbls of produced water were recovered. Matador submitted a Release Notification Form C-141 (C-141) on May 20, 2025. The Form C-141 can be referenced on the New Mexico Oil Conservation Division (NMOCD) Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess 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). Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is Office of the State Engineer (OSE) well L-2499 POD3, located approximately 1,457 feet east of the Site. The well had a reported depth to groundwater of 121 feet below ground surface (bgs). There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to

suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determinations are presented on Figure 1. The referenced well record and log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 891 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). 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 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

CULTURAL AND BIOLOGICAL REVIEW

The release remained on pad and as such, an assessment(s) of cultural properties had already been completed prior to the construction of the well pad. Therefore, the Cultural Properties Protection Rule (CPP) has been followed. No additional cultural resource surveys were completed in connection with this release.

The Site is located within the historical range of the Lesser Prairie Chicken (LPC), near an isolated population area, and within an NMSLO Candidate Conservation Agreement with Assurances (CCAA) area. The Site is located near the range of the Dunes Sagebrush Lizard; however, no suitable habitat for the Dunes Sagebrush Lizard was identified at the Site. A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site. Threatened or endangered bird species (LPC or others) are potentially present in the area near the Site. No native vegetation/habitat outside of the well pad extent were disturbed during delineation and confirmation sampling activities. The Site area is greater than 1,000 feet to surface water, wetlands, or other sensitive receptors. Remediation activities at the Site were completed without mechanical equipment during the LPC brooding season. Mechanical equipment was used once brooding season for the LPC had concluded.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

Beginning on July 2, 2025, through August 11, 2025, and October 13, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Preliminary soil samples SS01, SS01A, SS02 through SS04, SS05 through SS05C, SS06 through SS06B, SS07, SS07A, SS08 and SS08B were collected at ground surface to assess the lateral extent of the release area. Five boreholes (BH01 through BH05) were advanced within the release extent to assess the vertical extent of impacted soil; boreholes BH01 and BH04 were advanced to a

Matador Production Company
Iggles Well Pad
Closure Request



depth of 2 feet bgs, borehole BH02 was advanced to a depth of 5 feet bgs, borehole BH03 was advanced to a depth of 5 feet bgs, and borehole BH05 was advanced to a depth of 1-foot bgs via hand auger and truck mounted air-rotary drill rig.

The preliminary soil samples and boreholes were field screened for chloride and TPH utilizing Hatch® QuanTab® chloride test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographs from delineation activities can be referenced in the Photolog which is included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Ensolum personnel returned to the Site on September 25, 2025, to oversee a surface scrape of the impacted area on pad and to collect confirmation soil samples within the release extent. The surface scrape was completed with a 4 cubic yard front-end loader. A confirmation sampling variance was submitted to NMOCD on August 21, 2025, to increase confirmation sampling areas to 400 square feet from the floor of the excavation and 200 square feet from the sidewalls of the excavation. The confirmation sampling variance was approved by the NMOCD on August 21, 2025.

Ensolum personnel collected 5-point composite soil samples representing no more than 400 square feet from the floor of the release extent and 5-point composite soil samples representing no more than every 200 feet from the sidewalls of the excavation area that extended deeper than 1-foot bgs; in areas of the excavation that were not advanced to a depth of 1-foot bgs or deeper, the sidewalls are included in the composite floor samples. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS61 and composite sidewall soil samples SW01 and SW02 were collected from the release extent at depths ranging from ground surface to 1-foot bgs. The confirmation soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 23,692 square feet and approximately 234 cubic yards of waste-containing soil was hauled to Lea Land Disposal Facility in Carlsbad, New Mexico. The release extent and confirmation soil sample locations are presented on Figure 3.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01, SS02, SS03, SS05C, SS06, and SS07 indicated COCs were all in compliance with the Site Closure Criteria and the strictest Closure Criteria at ground surface. Laboratory analytical results for preliminary soil samples SS01A, SS04, SS05A, SS05B, and SS06A and SS06B, SS07A, SS08A, and SS08B indicated COCs were all in compliance with the Site Closure Criteria at ground surface. Laboratory analytical results for boreholes BH01 and BH04 indicated all COCs were in compliance with the Site Closure Criteria and the strictest Closure Criteria at 2 feet bgs. Laboratory analytical results for borehole BH02 indicated all COCs were in compliance with

Matador Production Company
Iggles Well Pad
Closure Request



the Site Closure Criteria and the strictest Closure Criteria at 5 feet bgs. Laboratory analytical results for borehole BH03 indicated all COCs were in compliance with the Site Closure Criteria at ground surface and with the strictest Closure Criteria at 3 feet bgs and laboratory analytical results for borehole BH03 indicated all COCs were in compliance with the Site Closure Criteria and with the strictest Closure Criteria at 1-foot bgs.

Laboratory analytical results for all confirmation floor soil samples (FS01 through FS61) and sidewall samples (SW01 through SW02) indicated COC concentrations were all in compliance with the Site Closure Criteria at depths ranging from ground surface to a depth of 1-foot bgs. Laboratory analytical results are summarized in Tables 1, and 2, and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

The release extent has been laterally defined in accordance with the strictest Closure Criteria by delineation soil samples SS01, SS02 through SS04, SS05C, SS06, and SS07, collected at ground surface, and vertically by boreholes BH01 through BH05, collected at depths ranging from ground surface to 5 feet bgs. Confirmation floor samples FS01 through FS61 and confirmation sidewall soil samples SW01 and SW02, collected at depths ranging from ground surface to 1-foot bgs, were all in compliance with the Site Closure Criteria.

Based on the remedial actions completed to date, Matador believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2514028173.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely,
Ensolum, LLC

A handwritten signature in black ink, appearing to read "Ashley Giovengo".

Ashley Giovengo
Associate Principal

A handwritten signature in black ink, appearing to read "Daniel R. Moir".

Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

cc: Jason Touchet, Matador
NMSLO

Matador Production Company
Iggles Well Pad
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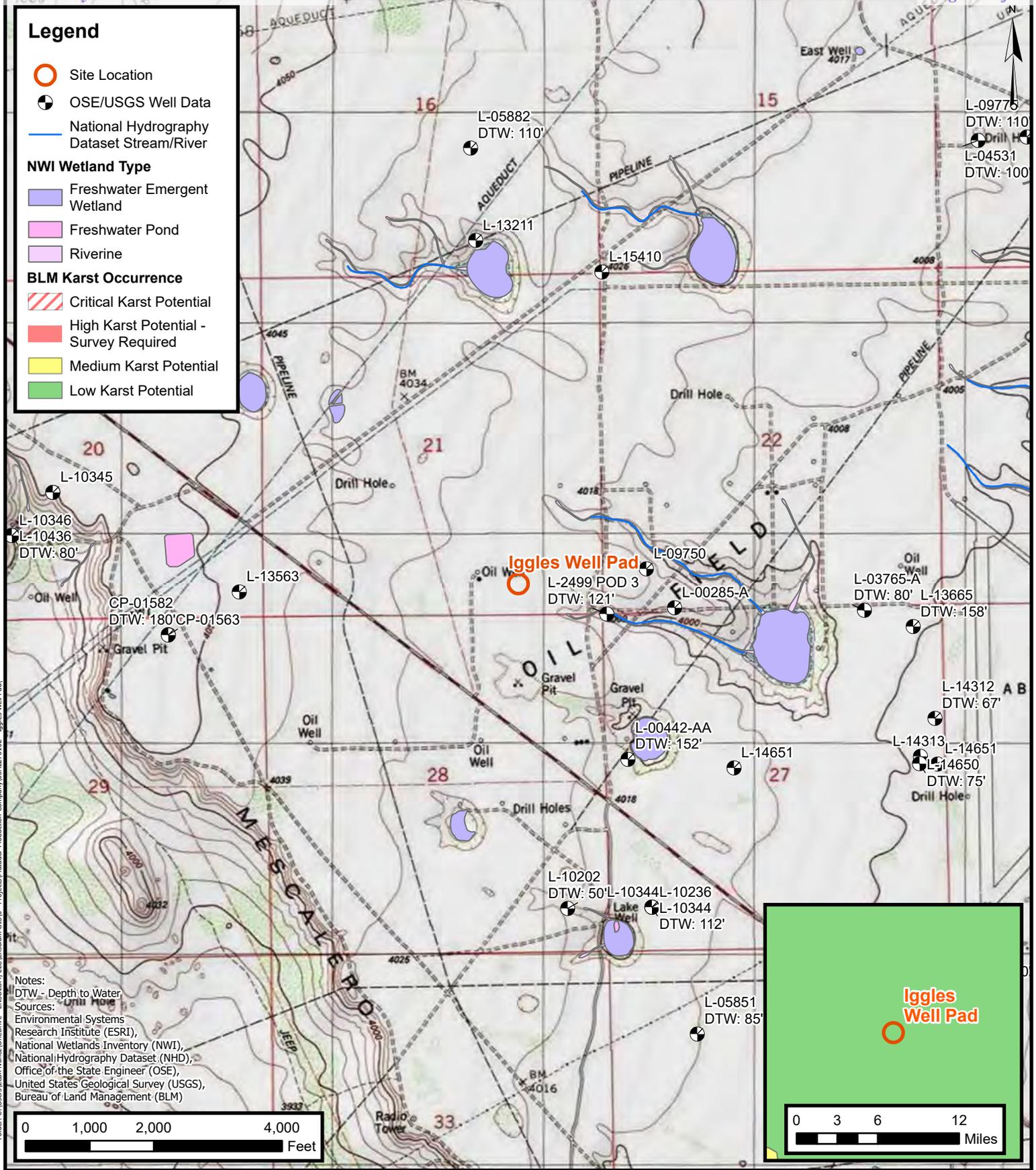


Appendices:

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



FIGURES



Site Receptor Map

Matador Production Company
 Iggles Well Pad
 Incident Number: nAPP2514028173
 Unit O, Section 21, T 18S, R 34E
 Lea County, New Mexico

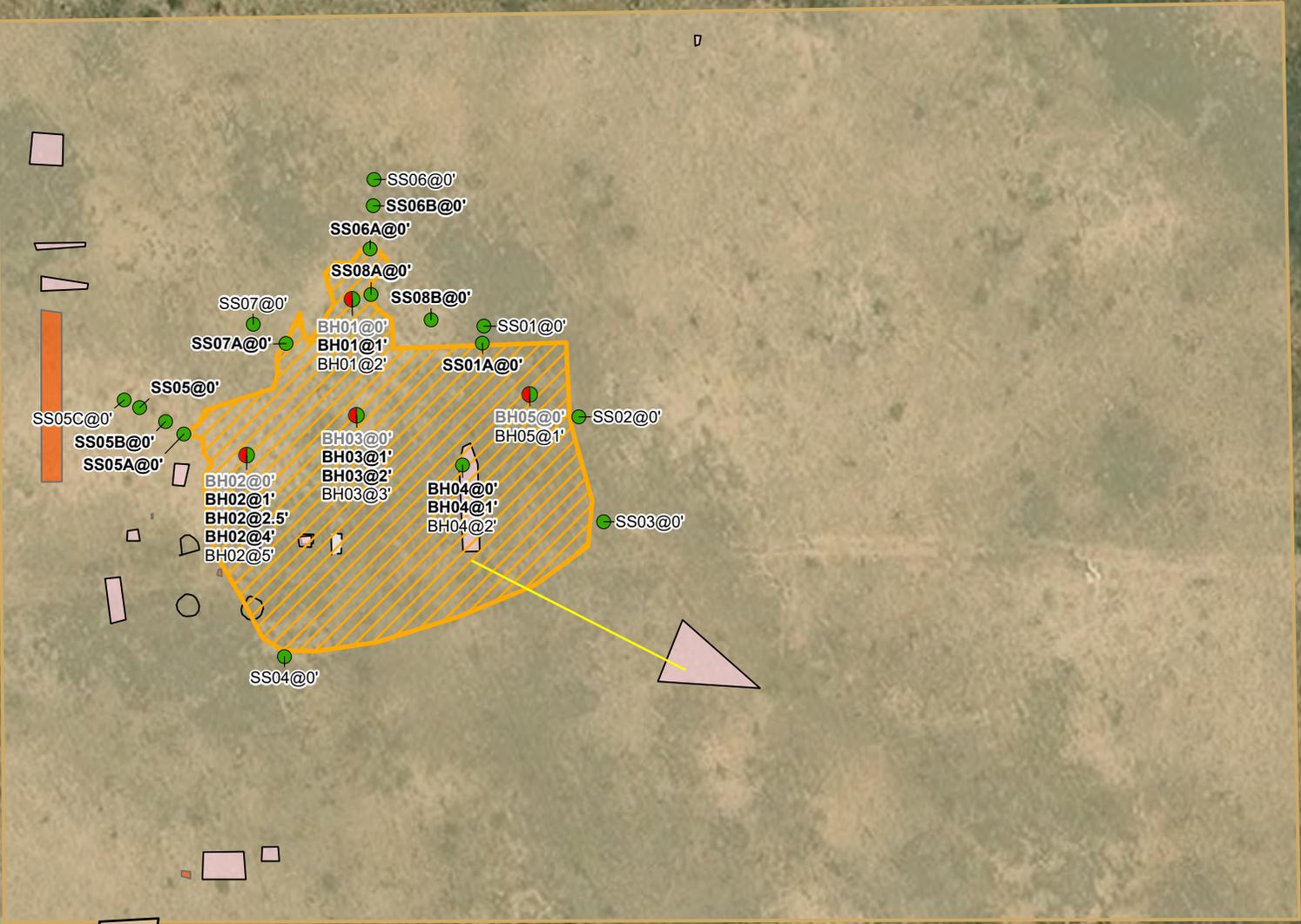
FIGURE

1

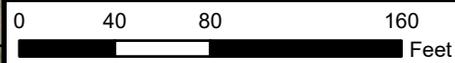


Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- OIL AND GAS UTILITY
- Pad Boundary
- Facility
- Electrical
- Road
- Concrete
- Infrastructure
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in **bold** indicate sample exceeded applicable Closure Criteria.



Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

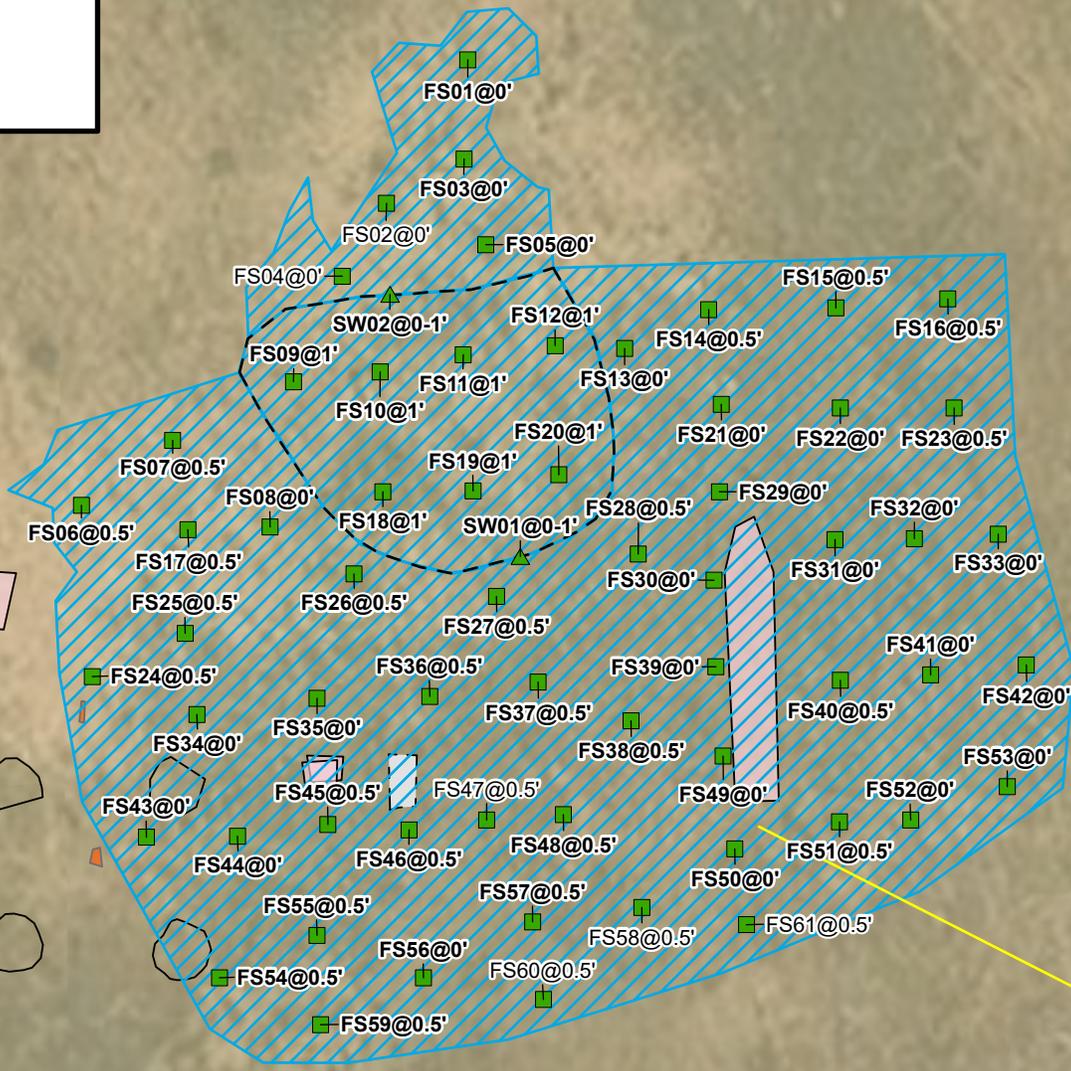
Matador Production Company
 Iggles Well Pad
 Incident Number: nAPP2514028173
 Unit O, Section 21, T 18S, R 34E
 Lea County, New Mexico

FIGURE
2

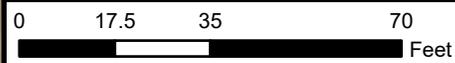


Legend

- Excavation Floor Soil Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Soil Sample in Compliance with Closure Criteria
- OIL AND GAS UTILITY
- - Sidewall Extent 0-1'
- Pad Boundary
- Facility
- Electrical
- Concrete
- Infrastructure
- EXCAVATION



Notes:
 Sample ID @ Depth Below Ground Surface.
 Concentrations in **bold** exceed the NMOCD Table I
 Closure Criteria reclamation standard where applicable.



Sources: Environmental Systems Research Institute (ESRI)

Excavation Soil Sample Locations

Matador Production Company
 Iggles Well Pad
 Incident Number: nAPP2514028173
 Unit O, Section 21, T 18S, R 34E
 Lea County, New Mexico

FIGURE
3





TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| SS01 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 40.9 |
| SS01A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,680 |
| SS02 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 117 |
| SS03 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 404 |
| SS04 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 513 |
| SS05 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 33.5 | 51.4 | 33.5 | 84.9 | 626 |
| SS05A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 176 | 186 | 176 | 362 | 712 |
| SS05B | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 28.4 | <50.0 | 28.4 | <50.0 | 1,180 |
| SS05C | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 110 |
| SS06 | 8/11/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 140 |
| SS06A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 64.9 | 85.2 | 64.9 | 150 | 1,140 |
| SS06B | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 44.9 | 64.3 | 44.9 | 109 | 1,160 |
| SS07 | 8/4/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 586 |
| SS07A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 77.6 | 97.8 | 77.6 | 175 | 2,120 |
| SS08A | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 7,410 |
| SS08B | 10/13/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 175 | 281 | 175 | 456 | 4,940 |
| BH01 | 7/9/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 125 | 150 | 125 | 275 | 4,230 |
| BH01 | 7/9/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 9,970 |
| BH01 | 7/9/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 72.0 |
| BH02 | 7/9/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 27.3 | <50.0 | 27.3 | 27.3 | 1,100 |
| BH02 | 7/9/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 49.6 | 53.2 | 49.6 | 103 | 2,280 |
| BH02 | 8/4/2025 | 2.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 5,720 |
| BH02 | 8/11/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,430 |
| BH02 | 8/11/2025 | 5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 214 |
| BH03 | 7/9/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 3450 | 4,150 | 3,450 | 7,600 | 19,100 |
| BH03 | 7/9/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,030 |
| BH03 | 7/9/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,010 |
| BH03 | 7/9/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 79.7 |
| BH04 | 7/10/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 340 | 365 | 340 | 705 | 15,800 |

TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| BH04 | 7/10/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,080 |
| BH04 | 7/10/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 129 |
| BH05 | 7/10/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 521 | 750 | 521 | 1,271 | 9,780 |
| BH05 | 7/10/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 25.0 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed expected Closure Criteria

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

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCDC Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCDC Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS01 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,110 |
| FS02 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 515 |
| FS03 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 94.9 | 169 | 94.9 | 264 | 7,880 |
| FS04 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 33.3 |
| FS05 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,800 |
| FS06 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,770 |
| FS07 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,550 |
| FS08 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,670 |
| FS09 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,080 |
| FS10 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,130 |
| FS11 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 31.1 | <50.0 | 31.1 | <50.0 | 7,620 |
| FS12 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,870 |
| FS13 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,550 |
| FS14 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 11,800 |
| FS15 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 10,600 |
| FS16 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 9,270 |
| FS17 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 111 | 146 | 111 | 257 | 1,240 |
| FS18 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 130 | 144 | 130 | 274 | 7,110 |
| FS19 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 35.2 | <50.0 | 35.2 | <50.0 | 8,440 |
| FS20 | 9/26/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 72.2 | 76.6 | 72.2 | 149 | 7,780 |
| FS21 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 150 | 302 | 150 | 452 | 8,590 |
| FS22 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 49.4 | 66.1 | 49.4 | 116 | 13,000 |
| FS23 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 49.1 | 79.4 | 49.1 | 129 | 5,350 |
| FS24 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 5,840 |
| FS25 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,320 |
| FS26 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 26.9 | <50.0 | 26.9 | <50.0 | 1,980 |
| FS27 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,850 |
| FS28 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,870 |
| FS29 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 219 | 324 | 219 | 543 | 10,900 |

TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|--|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS30 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 135 | 205 | 135 | 340 | 12,700 |
| FS31 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,780 |
| FS32 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,550 |
| FS33 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,920 |
| FS34 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 40.5 | 60.0 | 40.5 | 101 | 4,930 |
| FS35 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 430 | 131 | 430 | 561 | 2,780 |
| FS36 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,090 |
| FS37 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,950 |
| FS38 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,320 |
| FS39 | 9/29/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 115 | 170 | 115 | 285 | 14,200 |
| FS40 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 37.5 | <50.0 | 37.5 | <50.0 | 8,730 |
| FS41 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,730 |
| FS42 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 174 | 257 | 174 | 431 | 8,420 |
| FS43 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 300 | 379 | 300 | 679 | 415 |
| FS44 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 179 | 161 | 179 | 340 | 8,140 |
| FS45 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,390 |
| FS46 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,260 |
| FS47 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 145 |
| FS48 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,350 |
| FS49 | 9/29/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 393 | 512 | 393 | 905 | 3,180 |
| FS50 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,220 |
| FS51 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,100 |
| FS52 | 9/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 8,210 |
| FS53 | 10/1/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,790 |
| FS54 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,690 |
| FS55 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 106 | 149 | 106 | 255 | 4,180 |
| FS56 | 9/29/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 562 | 790 | 562 | 1,352 | 5,540 |

TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Iggles Well Pad
 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) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 101 feet bgs | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS57 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 614 |
| FS58 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 493 |
| FS59 | 10/1/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 884 |
| FS60 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 325 |
| FS61 | 9/30/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 144 |
| Excavation Sidewall Soil Samples | | | | | | | | | | |
| SW01 | 9/26/2025 | 0-1 | <0.0250 | <0.0500 | <20.0 | 75.8 | 125 | 75.8 | 201 | 6,920 |
| SW02 | 9/26/2025 | 0-1 | <0.0250 | <0.0500 | <20.0 | 116 | <50.0 | 116 | 116 | 5,600 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed expected Closure Criteria

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

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Record and Log



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

2014 JUN 18 AM 9:31

| | | | | | | | | | | | | |
|---|---|--------------------------------------|--|---------------------------------------|--|--|---|--|------------------------------------|--|----------------------------|----------------|
| 1. GENERAL AND WELL LOCATION | POD NUMBER (WELL NUMBER) POD 2 EXPLORE - <i>POD 3</i> | | | | OSE FILE NUMBER(S) L-2499 | | | | | | | |
| | WELL OWNER NAME(S) PEARCE TRUST RANCH | | | | PHONE (OPTIONAL) | | | | | | | |
| | WELL OWNER MAILING ADDRESS 26 COLLIER LN | | | | CITY TATUM | | STATE NM | | ZIP 88267 | | | |
| | WELL LOCATION (FROM GPS) | | DEGREES 32 | MINUTES 43 | SECONDS 33.00 | N | | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | | | |
| | | LONGITUDE 103 | 33 | 24.00 | W | | * DATUM REQUIRED: WGS 84 | | | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS | | | | | | | | | | | | |
| 2. OPTIONAL | (2.5 ACRE) $\frac{1}{4}$ | (10 ACRE) <i>NW</i> $\frac{1}{4}$ | (40 ACRE) <i>NW</i> $\frac{1}{4}$ | (160 ACRE) <i>NW</i> $\frac{1}{4}$ | SECTION 27 | TOWNSHIP 18 | <input type="checkbox"/> NORTH <input checked="" type="checkbox"/> SOUTH | | RANGE 34 | <input type="checkbox"/> EAST <input type="checkbox"/> WEST | | |
| | SUBDIVISION NAME | | | | LOT NUMBER | BLOCK NUMBER | UNIT/TRACT | | | | | |
| | HYDROGRAPHIC SURVEY | | | | | MAP NUMBER | TRACT NUMBER | | | | | |
| 3. DRILLING INFORMATION | LICENSE NUMBER WD1682 | | NAME OF LICENSED DRILLER JOHN NORRIS | | | NAME OF WELL DRILLING COMPANY HUNGRY HORSE LLC | | | | | | |
| | DRILLING STARTED 2-13-2014 | | DRILLING ENDED 2-21-14 | | DEPTH OF COMPLETED WELL (FT) 180 | | BORE HOLE DEPTH (FT) | | DEPTH WATER FIRST ENCOUNTERED (FT) | | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED) | | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) 121 | | | | | |
| | DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY: | | | | | | | | | | | |
| | DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY: | | | | | | | | | | | |
| | DEPTH (FT) | | BORE HOLE DIA. (IN) | | CASING MATERIAL | | CONNECTION TYPE (CASING) | | INSIDE DIA. CASING (IN) | | CASING WALL THICKNESS (IN) | SLOT SIZE (IN) |
| | FROM | TO | | | | | | | | | | |
| | 0 | 180 | | | | | | | | | 3/8 | 1/8 |
| 4. WATER BEARING STRATA | DEPTH (FT) | | THICKNESS (FT) | | FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) | | | | | YIELD (GPM) | | |
| | FROM | TO | | | | | | | | | | |
| | 0 | 1 | 1 | | SOP SOIL | | | | | | | |
| | 1 | 29 | 28 | | CALICHE | | | | | | | |
| | 29 | 33 | 4 | | ROCK | | | | | | | |
| | 33 | 84 | 51 | | SAND | | | | | | | |
| 84 | 87 | 3 | | ROCK | | | | | | | | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA N/A | | | | | | | TOTAL ESTIMATED WELL YIELD (GPM) | | | | | |

FOR OSE INTERNAL USE

WELL RECORD & LOG (Version 6/9/08)

| | | |
|-----------------------------------|-------------------------|------------|
| FILE NUMBER L-2499 | POD NUMBER 23 | TRN NUMBER |
| LOCATION 185.34E.27.111 | PAGE 1 OF 2 | |

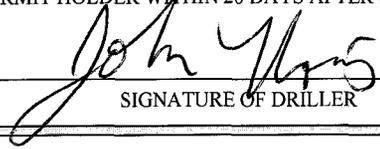
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

| | | | | | | |
|------------------|--|------------|--|---------------------|------------------------|-------------------|
| 5. SEAL AND PUMP | TYPE OF PUMP: <input type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> JET <input type="checkbox"/> NO PUMP - WELL NOT EQUIPPED | | | | | |
| | <input type="checkbox"/> TURBINE <input type="checkbox"/> CYLINDER <input type="checkbox"/> OTHER - SPECIFY: UNKNOWN | | | | | |
| | ANNULAR SEAL AND GRAVEL PACK | DEPTH (FT) | | BORE HOLE DIA. (IN) | MATERIAL TYPE AND SIZE | AMOUNT (CUBIC FT) |
| FROM | | TO | | | | |
| | 0 | 20 | | CEMENT/GROUT | | TOP |

| | | | | | | |
|-------------------------|------------|-----|----------------|--|------------------------------|-----------------------------|
| 6. GEOLOGIC LOG OF WELL | DEPTH (FT) | | THICKNESS (FT) | COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) | WATER BEARING? | |
| | FROM | TO | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | 87 | 171 | 84 | SAND | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | 171 | 180 | 9 | RED CLAY | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

| | | |
|---------------------------|--|---|
| 7. TEST & ADDITIONAL INFO | WELL TEST | METHOD: <input type="checkbox"/> BAILER <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> OTHER - SPECIFY: N/A |
| | | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. |
| | ADDITIONAL STATEMENTS OR EXPLANATIONS: | |

| | | |
|--------------|---|-----------------|
| 8. SIGNATURE | THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING: | |
| |  SIGNATURE OF DRILLER | 2-28-14 DATE |

| | | | |
|----------------------|----------------|------------------------------------|-------------|
| FOR USE INTERNAL USE | | WELL RECORD & LOG (Version 6/9/08) | |
| FILE NUMBER | L-2499 | POD NUMBER | 23 |
| LOCATION | 185.34E.27.111 | | PAGE 2 OF 2 |



APPENDIX B

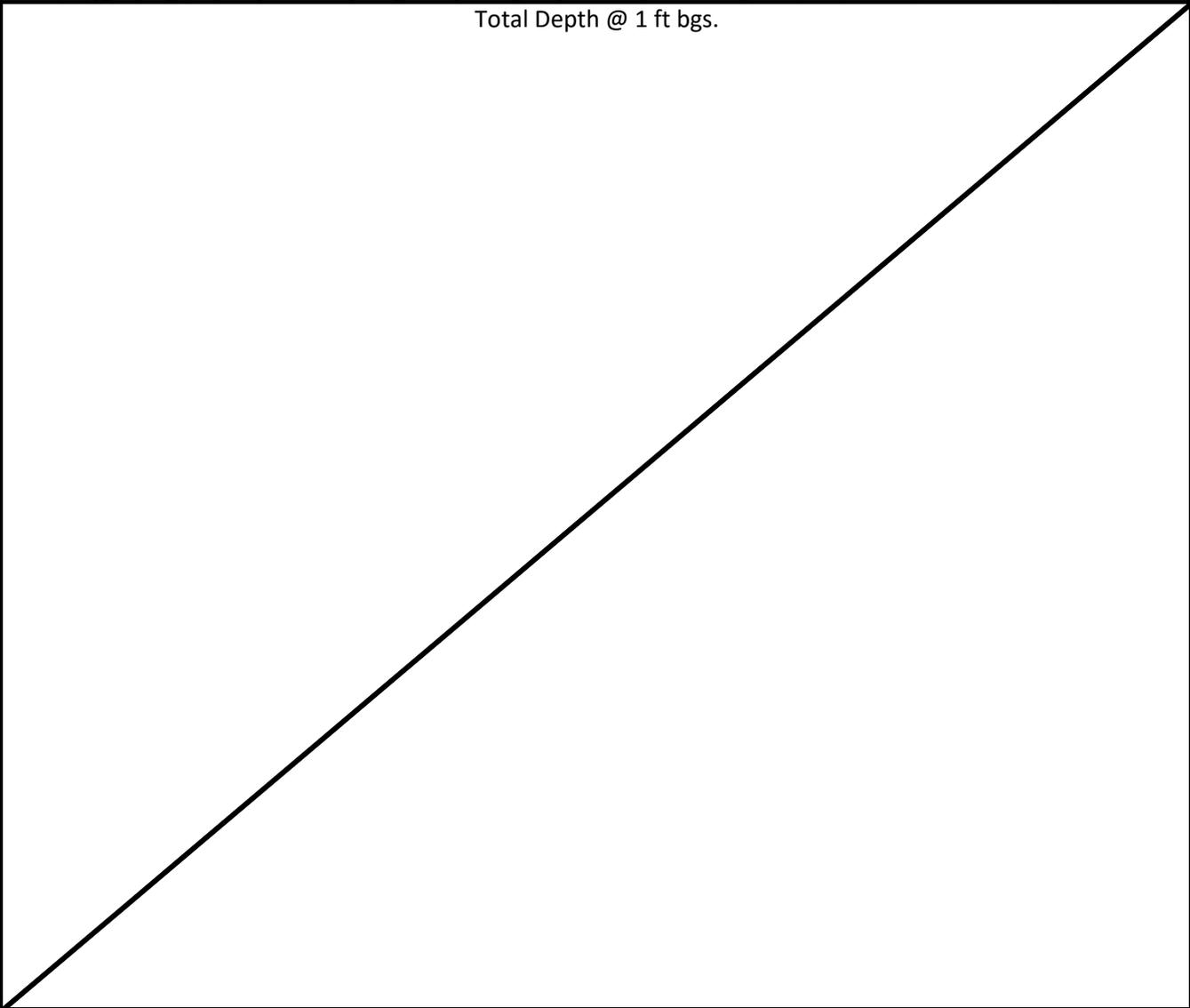
Lithologic Soil Sampling Logs

|  | | Sample Name: BH01 | | Date: 7/09/2025 | | | | |
|--|----------------|---------------------------------|---------------------------|-----------------|-----------------------|----------------|------------------|---|
| | | Site Name: Iggles Well Pad | | | | | | |
| | | Incident Number: nAPP2514028173 | | | | | | |
| | | Job Number: 03A2270102 | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | |
| Coordinates: 32.727406, -103.561018 | | | Logged By: Aboubakar Kone | | Method: Auger | | | |
| | | | Hole Diameter: 3" | | Total Depth: 2' | | | |
| Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | TPH (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| D | 12,689 | ND | N | BH01 | 0 | 0 | CCHE | Caliche - Pad material, Light brown to white, Well graded, Non-Plastic, Noncohesive |
| | | | | | 1 | 0.5 | | |
| | | | | | 2 | 1 | SW | Sand w/ some gravel - Medium to light brown, Medium to fine grained w/ some small to large gravel, Well graded, Non-Plastic, Non-Cohesive, Well graded, Massive |
| | | 33 | | | 2 | 2 | | |
| Total depth @ 2 ft bgs. | | | | | | | | |

|  | | | | | Sample Name: BH02 | | Date: 08/11/2025 | |
|--|----------------|-----------|----------|-----------|---------------------------------|----------------|--------------------|--|
| | | | | | Site Name: Iggles Well Pad | | | |
| | | | | | Incident Number: nAPP2514028173 | | | |
| | | | | | Job Number: 03A2270102 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | Logged By: AK, HG | | Method: Air Rotary | |
| Coordinates: 32.727406, -103.561018 | | | | | Hole Diameter: 6" | | Total Depth: 6' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | TPH (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| | 1,965 | | | | 0 | 0 | CCHE | Caliche - Pad material, Light brown to white, Well graded, Non-Plastic, Noncohesive |
| | 7,398 | | | | 1 | 1 | | |
| | 6,826 | | | | 2 | 2 | CL | Clay with some gravel - Black verfy fine with some gravel, low plasticity, cohesive, massive |
| D | 5,807 | | N | BH02 | 2.5 | 2.5 | | |
| | 1,725 | | | | 3 | 3 | | |
| | ND | 13 | | | 4 | 4 | | |
| | ND | | | | 5 | 5 | | |
| | ND | | | | 6 | 6 | | |
| Total Depth @ 6 ft bgs. | | | | | | | | |

|  | | | | | | | | Sample Name: BH03 | | Date: 7/09/25 | |
|--|----------------|-----------|----------|-----------|-----------------------|----------------|------------------|---|--|-----------------|--|
| | | | | | | | | Site Name: Iggles Well Pad | | | |
| | | | | | | | | Incident Number: nAPP2514028173 | | | |
| | | | | | | | | Job Number: 03A2270102 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Aboubakar Kone | | Method: Auger | |
| Coordinates: 32.727252, -103.561013 | | | | | | | | Hole Diameter: 3" | | Total Depth: 3' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | TPH (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| D | 7,190 | | N | BH03 | 0 | 0 | CCHE | Caliche - Pad material, Light brown to white, Well graded, Non-Plastic, Noncohesive | | | |
| | 1,294 | | | | 1 | 1 | | | | | |
| | | | | | 2 | 2 | SW | Sand w/ some gravel - Medium to light brown, Medium to fine grained w/ some small to large gravel, Well graded, Non-Plastic, Non-Cohesive, Well graded, Massive | | | |
| | ND | 24 | | | 3 | 3 | | | | | |
| Total depth @ 3 ft bgs. | | | | | | | | | | | |

|  | | | | | | | Sample Name: BH04 | | Date: 7/10/25 | |
|--|-----------------|-------------|----------|-----------|-----------------------|----------------|---------------------------------|--|-----------------|--|
| | | | | | | | Site Name: Iggles Well Pad | | | |
| | | | | | | | Incident Number: nAPP2514028173 | | | |
| | | | | | | | Job Number: 03A2270102 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | Logged By: Aboubakar kone | | Method: Auger | |
| Coordinates: 32.727184, -103.560849 | | | | | | | Hole Diameter: 3" | | Total Depth: 2' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | |
| D | 2,100 ND | 28 | N | BH04 | 0 | 0 | CCHE SM SW | Caliche - Pad material, Light brown to white, Well graded, Non-Plastic, Noncohesive Silty Sand w/ trace organics- Medium to dark brown, medium to very fine grained, Low plasticity, Cohesive, Thickly bedded, Poorly graded Sand w/ some gravel - Medium to light brown, Medium to fine grained w/ some small to large gravel, Well graded, Non-Plastic, Non-Cohesive, Well graded, Massive | | |
| | | | | | 1 | 1 | | | | |
| | | | | | 2 | 2 | | | | |
| Total depth @ 2 ft bgs. | | | | | | | | | | |

|  | | | | | | | | Sample Name: BH05 | | Date: 7/10/25 | |
|--|----------------|-----------|----------|-----------|-----------------------|----------------|------------------|---|--|-----------------|--|
| | | | | | | | | Site Name: Iggles Well Pad | | | |
| | | | | | | | | Incident Number: nAPP2514028173 | | | |
| | | | | | | | | Job Number: 03A2270102 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Aboubakar Kone | | Method: Auger | |
| Coordinates: 32.727277, -103.560742 | | | | | | | | Hole Diameter: 3" | | Total Depth: 1' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | TPH (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| D | 9,890 | | N | BH05 | 0 | 0 | CCHE | Caliche - Pad material, Light brown to white, Well graded, Non-Plastic, Noncohesive | | | |
| | ND | 24 | | | 1 | 1 | | | | | |
| Total Depth @ 1 ft bgs. | | | | | | | | | | | |
|  | | | | | | | | | | | |



APPENDIX C

Photographic Log

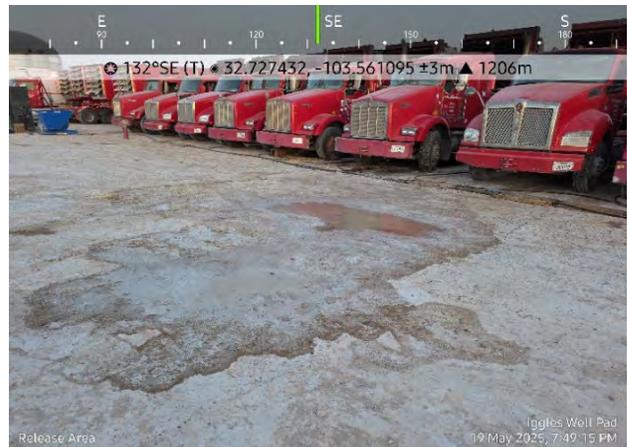


Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 1
Date: 5/19/2025
Description: Release Area
View: Southeast

Photograph 2
Date: 5/19/2025
Description: Release Area
View: East



Photograph 3
Date: 5/19/2025
Description: Release Area
View: Southeast

Photograph 4
Date: 5/19/2025
Description: Release Area
View: Southeast



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 5 Date: 7/09/2025
Description: Delineation Soil Sampling
View: North

Photograph 6 Date: 7/09/2025
Description: Delineation Soil Sampling
View: East



Photograph 7 Date: 7/10/2025
Description: Delineation Soil Sampling
View: North

Photograph 8 Date: 7/10/2025
Description: Delineation Soil Sampling
(Water from rain event)
View: East



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 9 Date: 8/04/2025
Description: Delineation Soil Sampling
View: Southwest



Photograph 10 Date: 8/04/2025
Description: Delineation Soil Sampling (SS06)
View: West



Photograph 11 Date: 8/11/2025
Description: Delineation Soil Sampling (Air Rotary)
View: West



Photograph 12 Date: 8/11/2025
Description: Delineation Soil Sampling (Air Rotary)
View: Northwest



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 13 Date: 9/25/2025
Description: Excavation Activities
View: West



Photograph 14 Date: 9/25/2025
Description: Excavation Activities
View: West



Photograph 15 Date: 9/25/2025
Description: Excavation Activities
View: Northwest



Photograph 16 Date: 9/26/2025
Description: Excavation Activities
View: Northwest



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 17 Date: 9/26/2025
Description: Excavation Activities
View: West

Photograph 18 Date: 9/26/2025
Description: Excavation Activities
View: South



Photograph 19 Date: 9/29/2025
Description: Excavation Activities
View: Northwest

Photograph 20 Date: 9/29/2025
Description: Excavation Activities
View: South



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 21 Date: 9/30/2025
Description: Excavation Activities
View: North

Photograph 22 Date: 9/30/2025
Description: Excavation Activities
View: Northwest



Photograph 23 Date: 10/01/2025
Description: Excavation Activities
View: Northeast

Photograph 24 Date: 10/01/2025
Description: Excavation Activities
View: Southwest



Photographic Log
Matador Production Company
Iggles Well Pad
nAPP2514028173



Photograph 25 Date: 10/13/2025
Description: Delineation Soil Sampling
View: West

Photograph 26 Date: 10/13/2025
Description: Delineation Soil Sampling
View: Northwest



Photograph 27 Date: 10/13/2025
Description: Delineation Soil Sampling
View: Northwest

Photograph 28 Date: 10/13/2025
Description: Delineation Soil Sampling
View: Northwest



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Iggles Well Pad

Work Order: E507099

Job Number: 23003-0002

Received: 7/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/25

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: 7/16/25



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

Project Name: Iggles Well Pad
Workorder: E507099
Date Received: 7/11/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2025 7:15:00AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

Field Offices:

Southern New Mexico Area

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Laboratory Technical Representative
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Cell: 505-320-4759
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Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 07/16/25 11:52 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH01-0' | E507099-01A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH01-1' | E507099-02A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH01-2' | E507099-03A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH03-0' | E507099-04A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH03-1' | E507099-05A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH03-2' | E507099-06A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH03-3' | E507099-07A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH02-0' | E507099-08A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |
| BH02-1' | E507099-09A | Soil | 07/09/25 | 07/11/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH01-0'
E507099-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|-------------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 85.0 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 94.5 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | 125 | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | 150 | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 89.6 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 4230 | 40.0 | 2 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH01-1'
E507099-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | mg/kg | mg/kg | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 83.5 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | mg/kg | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 93.1 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | mg/kg | mg/kg | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 91.9 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | | mg/kg | mg/kg | Analyst: DT | | Batch: 2529005 |
| Chloride | 9970 | 200 | 10 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH01-2'
E507099-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 82.9 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 93.3 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 95.5 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 72.0 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH03-0'

E507099-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 82.9 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.8 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | 3450 | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | 4150 | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 91.7 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 19100 | 400 | 20 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH03-1'

E507099-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 82.6 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.4 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 90.2 % | 61-141 | 07/11/25 | 07/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 4030 | 40.0 | 2 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH03-2'
E507099-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 83.1 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 93.8 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 95.0 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 1010 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH03-3'

E507099-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 81.6 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 94.3 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 93.8 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 79.7 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH02-0'
E507099-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 80.9 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 92.3 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | 27.3 | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 96.0 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 1100 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

BH02-1'

E507099-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Benzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/11/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 81.8 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2528174 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/11/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 93.2 % | 70-130 | 07/11/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528185 |
| Diesel Range Organics (C10-C28) | 49.6 | 25.0 | 1 | 07/11/25 | 07/13/25 | |
| Oil Range Organics (C28-C36) | 53.2 | 50.0 | 1 | 07/11/25 | 07/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 93.8 % | 61-141 | 07/11/25 | 07/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2529005 |
| Chloride | 2280 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

Blank (2528174-BLK1)

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 | | 8.00 | | 85.5 | 70-130 | | | |

LCS (2528174-BS1)

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.38 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Ethylbenzene | 5.26 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| Toluene | 5.33 | 0.0250 | 5.00 | | 107 | 70-130 | | | |
| o-Xylene | 5.19 | 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 | 6.94 | | 8.00 | | 86.8 | 70-130 | | | |

Matrix Spike (2528174-MS1)

Source: E507096-02

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.10 | 0.0250 | 5.00 | ND | 102 | 70-130 | | | |
| Ethylbenzene | 4.97 | 0.0250 | 5.00 | ND | 99.3 | 70-130 | | | |
| Toluene | 5.05 | 0.0250 | 5.00 | ND | 101 | 70-130 | | | |
| o-Xylene | 4.93 | 0.0250 | 5.00 | ND | 98.5 | 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 | 7.04 | | 8.00 | | 88.0 | 70-130 | | | |

Matrix Spike Dup (2528174-MSD1)

Source: E507096-02

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.57 | 0.0250 | 5.00 | ND | 111 | 70-130 | 8.76 | 27 | |
| Ethylbenzene | 5.42 | 0.0250 | 5.00 | ND | 108 | 70-130 | 8.73 | 26 | |
| Toluene | 5.51 | 0.0250 | 5.00 | ND | 110 | 70-130 | 8.70 | 20 | |
| o-Xylene | 5.38 | 0.0250 | 5.00 | ND | 108 | 70-130 | 8.81 | 25 | |
| p,m-Xylene | 10.9 | 0.0500 | 10.0 | ND | 109 | 70-130 | 8.45 | 23 | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | ND | 109 | 70-130 | 8.56 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.00 | | 8.00 | | 87.4 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2528174-BLK1)

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.52 | | 8.00 | | 94.1 | 70-130 | | | |

LCS (2528174-BS2)

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 43.8 | 20.0 | 50.0 | | 87.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 | | 8.00 | | 94.2 | 70-130 | | | |

Matrix Spike (2528174-MS2)

Source: E507096-02

Prepared: 07/11/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 43.0 | 20.0 | 50.0 | ND | 86.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.46 | | 8.00 | | 93.2 | 70-130 | | | |

Matrix Spike Dup (2528174-MSD2)

Source: E507096-02

Prepared: 07/11/25 Analyzed: 07/15/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 41.4 | 20.0 | 50.0 | ND | 82.8 | 70-130 | 3.79 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 | | 8.00 | | 94.1 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

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 (2528185-BLK1)

Prepared: 07/11/25 Analyzed: 07/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 47.1 | | 50.0 | | 94.2 | 61-141 | | | |

LCS (2528185-BS1)

Prepared: 07/11/25 Analyzed: 07/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 238 | 25.0 | 250 | | 95.3 | 66-144 | | | |
| Surrogate: n-Nonane | 47.1 | | 50.0 | | 94.2 | 61-141 | | | |

Matrix Spike (2528185-MS1)

Source: E507099-02

Prepared: 07/11/25 Analyzed: 07/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 247 | 25.0 | 250 | ND | 98.9 | 56-156 | | | |
| Surrogate: n-Nonane | 47.9 | | 50.0 | | 95.9 | 61-141 | | | |

Matrix Spike Dup (2528185-MSD1)

Source: E507099-02

Prepared: 07/11/25 Analyzed: 07/12/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 248 | 25.0 | 250 | ND | 99.2 | 56-156 | 0.297 | 20 | |
| Surrogate: n-Nonane | 47.5 | | 50.0 | | 95.0 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/16/2025 11:52:29AM |
|---|---|--|

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 (2529005-BLK1)

Prepared: 07/14/25 Analyzed: 07/14/25

Chloride ND 20.0

LCS (2529005-BS1)

Prepared: 07/14/25 Analyzed: 07/14/25

Chloride 258 20.0 250 103 90-110

Matrix Spike (2529005-MS1)

Source: E507098-03

Prepared: 07/14/25 Analyzed: 07/14/25

Chloride 264 20.0 250 ND 105 80-120

Matrix Spike Dup (2529005-MSD1)

Source: E507098-03

Prepared: 07/14/25 Analyzed: 07/14/25

Chloride 263 20.0 250 ND 105 80-120 0.0376 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 07/16/25 11:52 |
|---|---|------------------------------------|

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: Ensolium LLC | | | | Lab WO# | | Job Number | | 1D | 2D | 3D | Std | NM | CO | UT | TX |
| Project: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E 507099 | | 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 | | | 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 # | |
| 12:49 | 7/9/2025 | S | 1 | BH01-0' | | | 1 | | | | | | X | | | | | | | | | | | 1.7 |
| 13:01 | 7/9/2025 | S | 1 | BH01-1' | | | 2 | | | | | | X | | | | | | | | | | | 2.9 |
| 13:08 | 7/9/2025 | S | 1 | BH01-2' | | | 3 | | | | | | X | | | | | | | | | | | 3.8 |
| 10:15 | 7/9/2025 | S | 1 | BH03-0' | | | 4 | | | | | | X | | | | | | | | | | | 3.9 |
| 10:29 | 7/9/2025 | S | 1 | BH03-1' | | | 5 | | | | | | X | | | | | | | | | | | 3.4 |
| 11:17 | 7/9/2025 | S | 1 | BH03-2' | | | 6 | | | | | | X | | | | | | | | | | | 3.0 |
| 11:24 | 7/9/2025 | S | 1 | BH03-3' | | | 7 | | | | | | X | | | | | | | | | | | 2.4 |

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.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) <u>[Signature]</u> | Date | Time | Received by: (Signature) <u>Michelle Gonzales</u> | 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) <u>Michelle Gonzales</u> | 7-10-25 | 1700 | Received by: (Signature) <u>[Signature]</u> | 7.10.25 | 1700 | |
| Relinquished by: (Signature) <u>[Signature]</u> | 7.10.25 | 2300 | Received by: (Signature) <u>Caitlin Navarro</u> | 7-11-25 | 715 | |
| Relinquished by: (Signature) _____ | _____ | _____ | Received by: (Signature) _____ | _____ | _____ | |

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

Released to Imaging: 12/30/2025 3:58:29 PM

Received by OCD: 12/18/2025 12:50:00 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E507099 | | 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 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | Compliance | PWSID # | Remarks | |
| 13:54 | 7/9/2025 | S | 1 | BH02-0' | | 8 | | | | | | X | | | | | | | | | 3.6 |
| 14:09 | 7/9/2025 | S | 1 | BH02-1' | | 9 | | | | | | X | | | | | | | | | 3.4 |
| | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | |

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.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 7/10/25 | Time 7:11 | Received by: (Signature) <i>Michelle Gonzales</i> | Date 7.10.25 | 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 T1 _____ T2 _____ T3 _____ AVG Temp °C _____ |
| Relinquished by: (Signature) <i>Michelle Gonzales</i> | Date 7-10-25 | Time 1700 | Received by: (Signature) <i>L.M.</i> | Date 7.10.25 | Time 1700 | |
| Relinquished by: (Signature) <i>L.M.</i> | Date 7.10.25 | Time 2300 | Received by: (Signature) <i>Caitlin Mann</i> | Date 7-11-25 | Time 715 | |
| 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: 7/11/2025 9:10:29AM

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: 07/11/25 07:15 | Work Order ID: E507099 |
| Phone: (972) 371-5200 | Date Logged In: 07/10/25 15:42 | Logged In By: Caitlin Mars |
| Email: agiovengo@ensolum.com | Due Date: 07/17/25 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: Iggles Well Pad

Work Order: E507114

Job Number: 23003-0002

Received: 7/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/21/25

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: 7/21/25

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

Project Name: Iggles Well Pad
Workorder: E507114
Date Received: 7/12/2025 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/12/2025 6:00:00AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 07/21/25 08:32 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-0' | E507114-01A | Soil | 07/10/25 | 07/12/25 | Glass Jar, 2 oz. |
| BH04-1' | E507114-02A | Soil | 07/10/25 | 07/12/25 | Glass Jar, 2 oz. |
| BH04-2' | E507114-03A | Soil | 07/10/25 | 07/12/25 | Glass Jar, 2 oz. |
| BH05-0' | E507114-04A | Soil | 07/10/25 | 07/12/25 | Glass Jar, 2 oz. |
| BH05-1' | E507114-05A | Soil | 07/10/25 | 07/12/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

BH04-0'
E507114-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Benzene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| Toluene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/14/25 | 07/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 93.1 % | 70-130 | 07/14/25 | 07/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/14/25 | 07/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 80.0 % | 70-130 | 07/14/25 | 07/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528186 |
| Diesel Range Organics (C10-C28) | 340 | 25.0 | 1 | 07/11/25 | 07/16/25 | |
| Oil Range Organics (C28-C36) | 365 | 50.0 | 1 | 07/11/25 | 07/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 94.1 % | 61-141 | 07/11/25 | 07/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: JM | | Batch: 2529017 |
| Chloride | 15800 | 200 | 10 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

BH04-1'
E507114-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|-------------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Benzene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| Toluene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/14/25 | 07/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 92.6 % | 70-130 | 07/14/25 | 07/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/14/25 | 07/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 84.0 % | 70-130 | 07/14/25 | 07/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528186 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 98.4 % | 61-141 | 07/11/25 | 07/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: JM | | Batch: 2529017 |
| Chloride | 1080 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

BH04-2'

E507114-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Benzene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| Toluene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/14/25 | 07/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/14/25 | 07/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 95.1 % | 70-130 | 07/14/25 | 07/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/14/25 | 07/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 83.2 % | 70-130 | 07/14/25 | 07/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528186 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 97.9 % | 61-141 | 07/11/25 | 07/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: JM | | Batch: 2529017 |
| Chloride | 129 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

BH05-0'

E507114-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Benzene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/14/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 94.0 % | 70-130 | 07/14/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/14/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 83.2 % | 70-130 | 07/14/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528186 |
| Diesel Range Organics (C10-C28) | 521 | 25.0 | 1 | 07/11/25 | 07/16/25 | |
| Oil Range Organics (C28-C36) | 750 | 50.0 | 1 | 07/11/25 | 07/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 96.1 % | 61-141 | 07/11/25 | 07/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: JM | | Batch: 2529017 |
| Chloride | 9780 | 200 | 10 | 07/14/25 | 07/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

BH05-1'

E507114-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Benzene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| Toluene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/14/25 | 07/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/14/25 | 07/15/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 95.0 % | 70-130 | 07/14/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2529008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/14/25 | 07/15/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 82.8 % | 70-130 | 07/14/25 | 07/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2528186 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/11/25 | 07/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/11/25 | 07/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 136 % | 61-141 | 07/11/25 | 07/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: JM | | Batch: 2529017 |
| Chloride | 25.0 | 20.0 | 1 | 07/14/25 | 07/14/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2529008-BLK1)

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.44 | | 8.00 | | 93.0 | 70-130 | | | |

LCS (2529008-BS1)

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.75 | 0.0250 | 5.00 | | 95.0 | 70-130 | | | |
| Ethylbenzene | 4.58 | 0.0250 | 5.00 | | 91.6 | 70-130 | | | |
| Toluene | 4.71 | 0.0250 | 5.00 | | 94.2 | 70-130 | | | |
| o-Xylene | 4.62 | 0.0250 | 5.00 | | 92.5 | 70-130 | | | |
| p,m-Xylene | 9.23 | 0.0500 | 10.0 | | 92.3 | 70-130 | | | |
| Total Xylenes | 13.9 | 0.0250 | 15.0 | | 92.3 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.74 | | 8.00 | | 96.8 | 70-130 | | | |

Matrix Spike (2529008-MS1)

Source: E507109-01

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|-------|------|--------|--|--|--|
| Benzene | 4.33 | 0.0250 | 5.00 | ND | 86.6 | 70-130 | | | |
| Ethylbenzene | 4.41 | 0.0250 | 5.00 | 0.172 | 84.7 | 70-130 | | | |
| Toluene | 4.48 | 0.0250 | 5.00 | 0.114 | 87.3 | 70-130 | | | |
| o-Xylene | 4.63 | 0.0250 | 5.00 | 0.252 | 87.5 | 70-130 | | | |
| p,m-Xylene | 10.0 | 0.0500 | 10.0 | 2.04 | 79.9 | 70-130 | | | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | 2.29 | 82.4 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.97 | | 8.00 | | 87.2 | 70-130 | | | |

Matrix Spike Dup (2529008-MSD1)

Source: E507109-01

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|-------|------|--------|------|----|--|
| Benzene | 4.66 | 0.0250 | 5.00 | ND | 93.2 | 70-130 | 7.43 | 27 | |
| Ethylbenzene | 4.68 | 0.0250 | 5.00 | 0.172 | 90.3 | 70-130 | 6.09 | 26 | |
| Toluene | 4.76 | 0.0250 | 5.00 | 0.114 | 92.9 | 70-130 | 6.03 | 20 | |
| o-Xylene | 4.96 | 0.0250 | 5.00 | 0.252 | 94.1 | 70-130 | 6.84 | 25 | |
| p,m-Xylene | 10.7 | 0.0500 | 10.0 | 2.04 | 86.6 | 70-130 | 6.51 | 23 | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | 2.29 | 89.1 | 70-130 | 6.61 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.16 | | 8.00 | | 89.5 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2529008-BLK1)

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.82 | | 8.00 | | 85.2 | 70-130 | | | |

LCS (2529008-BS2)

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.0 | 20.0 | 50.0 | | 92.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.88 | | 8.00 | | 86.0 | 70-130 | | | |

Matrix Spike (2529008-MS2)

Source: E507109-01

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|------|------|--------|--|--|----|
| Gasoline Range Organics (C6-C10) | 134 | 20.0 | 50.0 | 85.2 | 98.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 10.6 | | 8.00 | | 133 | 70-130 | | | S5 |

Matrix Spike Dup (2529008-MSD2)

Source: E507109-01

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|---|------|------|------|------|------|--------|--------|----|----|
| Gasoline Range Organics (C6-C10) | 134 | 20.0 | 50.0 | 85.2 | 98.3 | 70-130 | 0.0131 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 10.5 | | 8.00 | | 131 | 70-130 | | | S5 |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

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 (2528186-BLK1)

Prepared: 07/11/25 Analyzed: 07/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| 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 (2528186-BS1)

Prepared: 07/11/25 Analyzed: 07/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 234 | 25.0 | 250 | | 93.6 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 47.0 | | 50.0 | | 94.0 | 61-141 | | | |

Matrix Spike (2528186-MS1)

Source: E507108-13

Prepared: 07/11/25 Analyzed: 07/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 240 | 25.0 | 250 | ND | 96.0 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 48.5 | | 50.0 | | 97.0 | 61-141 | | | |

Matrix Spike Dup (2528186-MSD1)

Source: E507108-13

Prepared: 07/11/25 Analyzed: 07/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 239 | 25.0 | 250 | ND | 95.5 | 56-156 | 0.609 | 20 | |
| Surrogate: <i>n</i> -Nonane | 48.7 | | 50.0 | | 97.4 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 7/21/2025 8:32:20AM |
|---|---|---|

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2529017-BLK1)

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2529017-BS1)

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 251 | 20.0 | 250 | | 100 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2529017-MS1)

Source: E507108-08

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|----------|-----|------|-----|-----|------|--------|--|--|--|
| Chloride | 602 | 20.0 | 250 | 381 | 88.4 | 80-120 | | | |
|----------|-----|------|-----|-----|------|--------|--|--|--|

Matrix Spike Dup (2529017-MSD1)

Source: E507108-08

Prepared: 07/14/25 Analyzed: 07/14/25

| | | | | | | | | | |
|----------|-----|------|-----|-----|------|--------|------|----|--|
| Chloride | 612 | 20.0 | 250 | 381 | 92.3 | 80-120 | 1.57 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 07/21/25 08:32 |
|---|---|------------------------------------|

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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: 12/30/2025 3:58:29 PM

Received by OCD: 12/18/2025 12:50:00 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E507114 | | 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 | BGDOC - NM | TCEQ.1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | | | |
| 9:54 | 7/10/2025 | S | 1 | BH04-0' | | 1 | | | | | | X | | | | | | | | |
| 10:06 | 7/10/2025 | S | 1 | BH04-1' | | 2 | | | | | | X | | | | | | | | |
| 10:19 | 7/10/2025 | S | 1 | BH04-2' | | 3 | | | | | | X | | | | | | | | |
| 11:19 | 7/10/2025 | S | 1 | BH05-0' | | 4 | | | | | | X | | | | | | | | |
| 11:23 | 7/10/2025 | S | 1 | BH05-1' | | 5 | | | | | | X | | | | | | | | |

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 | | | | | | 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. | | | | | |
| 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 T1 _____ T2 _____ T3 _____ AVG Temp °C _____ | | | | | |
| <i>[Signature]</i> | 7/11/25 | 7:11 | Michelle Gonzales | 7-11-25 | 0711 | | | | | | |
| Michelle Gonzales | 7-11-25 | 1910 | <i>[Signature]</i> | 7-11-25 | 1910 | | | | | | |
| <i>[Signature]</i> | 7-12-25 | 0200 | Nae Sato | 7-12-25 | 0600 | | | | | | |
| 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 103 of 402

Envirotech Analytical Laboratory

Printed: 7/14/2025 8:51:38AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Matador Resources, LLC. Date Received: 07/12/25 06:00 Work Order ID: E507114
Phone: (972) 371-5200 Date Logged In: 07/11/25 15:21 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 07/21/25 17:00 (5 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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: Iggles Well Pad

Work Order: E508058

Job Number: 23003-0002

Received: 8/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/12/25

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: 8/12/25



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

Project Name: Iggles Well Pad
Workorder: E508058
Date Received: 8/6/2025 6:30:54AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/6/2025 6:30:54AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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
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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/12/25 08:44 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH02-2.5' | E508058-01A | Soil | 08/04/25 | 08/06/25 | Glass Jar, 2 oz. |
| SS07-0' | E508058-02A | Soil | 08/04/25 | 08/06/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/12/2025 8:44:13AM |
|---|---|---|

BH02-2.5'

E508058-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2532080 |
| Benzene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| Toluene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/06/25 | 08/08/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 96.8 % | 70-130 | 08/06/25 | 08/08/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2532080 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/06/25 | 08/08/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 87.1 % | 70-130 | 08/06/25 | 08/08/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2532136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/08/25 | 08/08/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/08/25 | 08/08/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 108 % | 61-141 | 08/08/25 | 08/08/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2532113 |
| Chloride | 5720 | 40.0 | 2 | 08/07/25 | 08/08/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/12/2025 8:44:13AM |
|---|---|---|

SS07-0'

E508058-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2532080 |
| Benzene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| Toluene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/06/25 | 08/08/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/06/25 | 08/08/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 93.2 % | 70-130 | 08/06/25 | 08/08/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2532080 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/06/25 | 08/08/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 90.2 % | 70-130 | 08/06/25 | 08/08/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2532136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/08/25 | 08/08/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/08/25 | 08/08/25 | |
| <i>Surrogate: n-Nonane</i> | | 104 % | 61-141 | 08/08/25 | 08/08/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2532113 |
| Chloride | 586 | 20.0 | 1 | 08/07/25 | 08/08/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/12/2025 8:44:13AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2532080-BLK1)

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.46 | | 8.00 | | 93.3 | 70-130 | | | |

LCS (2532080-BS1)

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.20 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| Ethylbenzene | 5.02 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Toluene | 5.14 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| o-Xylene | 5.07 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | | 101 | 70-130 | | | |
| Total Xylenes | 15.2 | 0.0250 | 15.0 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.46 | | 8.00 | | 93.3 | 70-130 | | | |

Matrix Spike (2532080-MS1)

Source: E508038-03

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--------|------|--------|--|--|--|
| Benzene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| Ethylbenzene | 5.00 | 0.0250 | 5.00 | ND | 99.9 | 70-130 | | | |
| Toluene | 5.11 | 0.0250 | 5.00 | 0.0319 | 101 | 70-130 | | | |
| o-Xylene | 5.06 | 0.0250 | 5.00 | ND | 101 | 70-130 | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 70-130 | | | |
| Total Xylenes | 15.1 | 0.0250 | 15.0 | ND | 101 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.66 | | 8.00 | | 95.7 | 70-130 | | | |

Matrix Spike Dup (2532080-MSD1)

Source: E508038-03

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--------|------|--------|------|----|--|
| Benzene | 5.25 | 0.0250 | 5.00 | ND | 105 | 70-130 | 1.86 | 27 | |
| Ethylbenzene | 5.08 | 0.0250 | 5.00 | ND | 102 | 70-130 | 1.72 | 26 | |
| Toluene | 5.22 | 0.0250 | 5.00 | 0.0319 | 104 | 70-130 | 2.29 | 20 | |
| o-Xylene | 5.14 | 0.0250 | 5.00 | ND | 103 | 70-130 | 1.61 | 25 | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | ND | 103 | 70-130 | 1.85 | 23 | |
| Total Xylenes | 15.4 | 0.0250 | 15.0 | ND | 103 | 70-130 | 1.77 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.57 | | 8.00 | | 94.7 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/12/2025 8:44:13AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2532080-BLK1)

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.19 | | 8.00 | | 89.9 | 70-130 | | | |

LCS (2532080-BS2)

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 56.7 | 20.0 | 50.0 | | 113 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.22 | | 8.00 | | 90.2 | 70-130 | | | |

Matrix Spike (2532080-MS2)

Source: E508038-03

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 55.1 | 20.0 | 50.0 | ND | 110 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.16 | | 8.00 | | 89.5 | 70-130 | | | |

Matrix Spike Dup (2532080-MSD2)

Source: E508038-03

Prepared: 08/06/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 54.4 | 20.0 | 50.0 | ND | 109 | 70-130 | 1.17 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/12/2025 8:44:13AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2532136-BLK1)

Prepared: 08/08/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 54.8 | | 50.0 | | 110 | 61-141 | | | |

LCS (2532136-BS1)

Prepared: 08/08/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 270 | 25.0 | 250 | | 108 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 53.5 | | 50.0 | | 107 | 61-141 | | | |

Matrix Spike (2532136-MS1)

Source: E508058-01

Prepared: 08/08/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 281 | 25.0 | 250 | ND | 112 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 53.8 | | 50.0 | | 108 | 61-141 | | | |

Matrix Spike Dup (2532136-MSD1)

Source: E508058-01

Prepared: 08/08/25 Analyzed: 08/08/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--------|----|--|
| Diesel Range Organics (C10-C28) | 281 | 25.0 | 250 | ND | 112 | 56-156 | 0.0688 | 20 | |
| Surrogate: <i>n</i> -Nonane | 52.9 | | 50.0 | | 106 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/12/2025 8:44:13AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2532113-BLK1)

Prepared: 08/07/25 Analyzed: 08/08/25

Chloride ND 20.0

LCS (2532113-BS1)

Prepared: 08/07/25 Analyzed: 08/08/25

Chloride 254 20.0 250 102 90-110

Matrix Spike (2532113-MS1)

Source: E508057-03

Prepared: 08/07/25 Analyzed: 08/08/25

Chloride 859 20.0 250 588 108 80-120

Matrix Spike Dup (2532113-MSD1)

Source: E508057-03

Prepared: 08/07/25 Analyzed: 08/08/25

Chloride 927 20.0 250 588 136 80-120 7.61 20 M1

QC Summary Report Comment:

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



Definitions and Notes

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/12/25 08:44 |
|---|---|------------------------------------|

M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--------------------------------------|--|--|--|---------------------|--|------------|--|------------|----|----|-----|--------------|----|----|----|
| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E508058 | | 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 | TCFQ 1005-TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | |
| | | | | | | | | | | | | | | | | | | | |
| 0908 | 08/04/2025 | s | 1 | BH02 - 2.5' | | 1 | | | | | | | | X | | | | | |
| 1104 | 08/04/2025 | s | 1 | SS07 - 0' | | 2 | | | | | | | | X | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |

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 | | | | | | 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 | |
| <i>[Signature]</i> | 08-05-25 | 800 | <i>Michelle Gonzales</i> | 8-5-25 | 0800 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | |
| <i>Michelle Gonzales</i> | 8-5-25 | 1500 | <i>Marissa Gonzales</i> | 8-5-25 | 1500 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | |
| <i>Marissa Gonzales</i> | 8-5-25 | 1915 | <i>Andrew Musso</i> | 8-5-25 | 1915 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | |
| <i>Andrew Musso</i> | 8-5-25 | 2330 | <i>Carth Ma</i> | 8-6-25 | 1030 | |
| 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: 8/6/2025 9:28:19AM

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: 08/06/25 06:30 Work Order ID: E508058
Phone: (972) 371-5200 Date Logged In: 08/05/25 15:34 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 08/12/25 07:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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: Iggles Well Pad

Work Order: E508131

Job Number: 23003-0002

Received: 8/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/18/25

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: 8/18/25



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

Project Name: Iggles Well Pad
Workorder: E508131
Date Received: 8/13/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/13/2025 7:00:00AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

Field Offices:

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Lynn Jarboe
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Michelle Gonzales
Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/18/25 17:05 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS05-0' | E508131-01A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:05:26PM |
|---|---|---|

SS05-0'

E508131-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: RKS | | Batch: 2533063 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 84.2 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: RKS | | Batch: 2533063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 92.9 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2533071 |
| Diesel Range Organics (C10-C28) | 33.5 | 25.0 | 1 | 08/13/25 | 08/13/25 | |
| Oil Range Organics (C28-C36) | 51.4 | 50.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 118 % | 61-141 | 08/13/25 | 08/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2533067 |
| Chloride | 626 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:05:26PM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2533063-BLK1)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.89 | | 8.00 | | 86.1 | 70-130 | | | |

LCS (2533063-BS1)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.99 | 0.0250 | 5.00 | | 99.7 | 70-130 | | | |
| Ethylbenzene | 4.89 | 0.0250 | 5.00 | | 97.9 | 70-130 | | | |
| Toluene | 4.97 | 0.0250 | 5.00 | | 99.3 | 70-130 | | | |
| o-Xylene | 4.85 | 0.0250 | 5.00 | | 97.1 | 70-130 | | | |
| p,m-Xylene | 9.88 | 0.0500 | 10.0 | | 98.8 | 70-130 | | | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | | 98.3 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.83 | | 8.00 | | 85.4 | 70-130 | | | |

Matrix Spike (2533063-MS1)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.58 | 0.0250 | 5.00 | ND | 112 | 70-130 | | | |
| Ethylbenzene | 5.47 | 0.0250 | 5.00 | ND | 109 | 70-130 | | | |
| Toluene | 5.56 | 0.0250 | 5.00 | ND | 111 | 70-130 | | | |
| o-Xylene | 5.40 | 0.0250 | 5.00 | ND | 108 | 70-130 | | | |
| p,m-Xylene | 11.0 | 0.0500 | 10.0 | ND | 110 | 70-130 | | | |
| Total Xylenes | 16.4 | 0.0250 | 15.0 | ND | 109 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 | | 8.00 | | 85.5 | 70-130 | | | |

Matrix Spike Dup (2533063-MSD1)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | 7.84 | 27 | |
| Ethylbenzene | 5.05 | 0.0250 | 5.00 | ND | 101 | 70-130 | 8.07 | 26 | |
| Toluene | 5.13 | 0.0250 | 5.00 | ND | 103 | 70-130 | 7.99 | 20 | |
| o-Xylene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | 7.22 | 25 | |
| p,m-Xylene | 10.2 | 0.0500 | 10.0 | ND | 102 | 70-130 | 7.78 | 23 | |
| Total Xylenes | 15.2 | 0.0250 | 15.0 | ND | 101 | 70-130 | 7.59 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.75 | | 8.00 | | 84.4 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:05:26PM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2533063-BLK1)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49 | | 8.00 | | 93.6 | 70-130 | | | |

LCS (2533063-BS2)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.0 | 20.0 | 50.0 | | 94.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.57 | | 8.00 | | 94.6 | 70-130 | | | |

Matrix Spike (2533063-MS2)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.7 | 20.0 | 50.0 | ND | 95.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.61 | | 8.00 | | 95.1 | 70-130 | | | |

Matrix Spike Dup (2533063-MSD2)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 55.3 | 20.0 | 50.0 | ND | 111 | 70-130 | 14.7 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.8 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:05:26PM |
|---|---|---|

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 (2533071-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 53.9 | | 50.0 | | 108 | 61-141 | | | |

LCS (2533071-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 298 | 25.0 | 250 | | 119 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 56.8 | | 50.0 | | 114 | 61-141 | | | |

Matrix Spike (2533071-MS1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 316 | 25.0 | 250 | ND | 126 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 60.8 | | 50.0 | | 122 | 61-141 | | | |

Matrix Spike Dup (2533071-MSD1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 319 | 25.0 | 250 | ND | 127 | 56-156 | 0.833 | 20 | |
| Surrogate: <i>n</i> -Nonane | 60.4 | | 50.0 | | 121 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:05:26PM |
|---|---|---|

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 (2533067-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

Chloride ND 20.0

LCS (2533067-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

Chloride 254 20.0 250 102 90-110

Matrix Spike (2533067-MS1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

Chloride 254 20.0 250 ND 102 80-120

Matrix Spike Dup (2533067-MSD1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

Chloride 254 20.0 250 ND 102 80-120 0.0209 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/18/25 17:05 |
|---|---|------------------------------------|

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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E506131 | | 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 | Filt | 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 | |
| 0954 | 08-11-25 | S | 1 | SS05 - 0' | | | 1 | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | 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 | | | | | | | | | | | | | | | | | | | | |
| 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 temperature above 0 but less than 6°C on subsequent days. | | | | | | | | |
| <i>[Signature]</i> | | 08-12-25 | | | | <i>Michelle Gonzalez</i> | | 8-12-25 | | 0900 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | |
| <i>Michelle Gonzalez</i> | | 8-12-25 | | 1445 | | <i>Marissa Gonzalez</i> | | 8-12-25 | | 1445 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | |
| <i>Marissa Gonzalez</i> | | 8-12-25 | | 1830 | | <i>Andrew Musso</i> | | 8-12-25 | | 1830 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | |
| <i>Andrew Musso</i> | | 8-12-25 | | 2245 | | <i>Caitlin Mar</i> | | 8-13-25 | | 700 | | | | | | | | | | |
| 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: 8/13/2025 9:21:16AM

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: 08/13/25 07:00 | Work Order ID: E508131 |
| Phone: (972) 371-5200 | Date Logged In: 08/12/25 15:18 | Logged In By: Caitlin Mars |
| Email: agiovengo@ensolum.com | Due Date: 08/19/25 07:00 (4 day TAT) | |

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 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: Iggles Well Pad

Work Order: E508132

Job Number: 23003-0002

Received: 8/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/19/25

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: 8/19/25



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

Project Name: Iggles Well Pad
Workorder: E508132
Date Received: 8/13/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/13/2025 7:00:00AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

Raina Schwanz
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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/19/25 11:33 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH02-4' | E508132-01A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |
| BH02-5' | E508132-02A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/19/2025 11:33:40AM |
|---|---|--|

BH02-4'
E508132-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533072 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/13/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Bromofluorobenzene</i> | | 110 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 98.0 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Toluene-d8</i> | | 103 % | 70-130 | 08/13/25 | 08/13/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Bromofluorobenzene</i> | | 110 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 98.0 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Toluene-d8</i> | | 103 % | 70-130 | 08/13/25 | 08/13/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2533074 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/14/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: n-Nonane</i> | | 90.3 % | 61-141 | 08/13/25 | 08/14/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2533069 |
| Chloride | 1430 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/19/2025 11:33:40AM |
|---|---|--|

BH02-5'
E508132-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | mg/kg | mg/kg | Analyst: SL | | Batch: 2533072 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/13/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Bromofluorobenzene</i> | | 110 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 98.6 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Toluene-d8</i> | | 104 % | 70-130 | 08/13/25 | 08/13/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | mg/kg | Analyst: SL | | Batch: 2533072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Bromofluorobenzene</i> | | 110 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 98.6 % | 70-130 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: Toluene-d8</i> | | 104 % | 70-130 | 08/13/25 | 08/13/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | mg/kg | mg/kg | Analyst: KH | | Batch: 2533074 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/14/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: n-Nonane</i> | | 90.5 % | 61-141 | 08/13/25 | 08/14/25 | |
| Anions by EPA 300.0/9056A | | mg/kg | mg/kg | Analyst: RAS | | Batch: 2533069 |
| Chloride | 214 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



QC Summary Data

| | | |
|---|---|-----------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/19/2025 11:33:40AM |
|---|---|-----------------------------------|

Volatile Organic Compounds by EPA 8260B

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2533072-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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: Bromofluorobenzene | 0.554 | | 0.500 | | 111 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.492 | | 0.500 | | 98.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.523 | | 0.500 | | 105 | 70-130 | | | |

LCS (2533072-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|-----|--------|--|--|--|
| Benzene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | | | |
| Ethylbenzene | 2.69 | 0.0250 | 2.50 | | 108 | 70-130 | | | |
| Toluene | 2.65 | 0.0250 | 2.50 | | 106 | 70-130 | | | |
| o-Xylene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | | | |
| p,m-Xylene | 5.35 | 0.0500 | 5.00 | | 107 | 70-130 | | | |
| Total Xylenes | 7.93 | 0.0250 | 7.50 | | 106 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.525 | | 0.500 | | 105 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.521 | | 0.500 | | 104 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.517 | | 0.500 | | 103 | 70-130 | | | |

Matrix Spike (2533072-MS1)

Source: E508136-02

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene | 2.48 | 0.0250 | 2.50 | ND | 99.0 | 48-131 | | | |
| Ethylbenzene | 2.46 | 0.0250 | 2.50 | ND | 98.3 | 45-135 | | | |
| Toluene | 2.41 | 0.0250 | 2.50 | ND | 96.4 | 48-130 | | | |
| o-Xylene | 2.44 | 0.0250 | 2.50 | ND | 97.6 | 43-135 | | | |
| p,m-Xylene | 5.01 | 0.0500 | 5.00 | ND | 100 | 43-135 | | | |
| Total Xylenes | 7.45 | 0.0250 | 7.50 | ND | 99.4 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.549 | | 0.500 | | 110 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.515 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.513 | | 0.500 | | 103 | 70-130 | | | |

Matrix Spike Dup (2533072-MSD1)

Source: E508136-02

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|------|----|--|
| Benzene | 2.51 | 0.0250 | 2.50 | ND | 100 | 48-131 | 1.40 | 23 | |
| Ethylbenzene | 2.54 | 0.0250 | 2.50 | ND | 102 | 45-135 | 3.26 | 27 | |
| Toluene | 2.44 | 0.0250 | 2.50 | ND | 97.5 | 48-130 | 1.20 | 24 | |
| o-Xylene | 2.50 | 0.0250 | 2.50 | ND | 99.9 | 43-135 | 2.33 | 27 | |
| p,m-Xylene | 5.11 | 0.0500 | 5.00 | ND | 102 | 43-135 | 1.90 | 27 | |
| Total Xylenes | 7.61 | 0.0250 | 7.50 | ND | 101 | 43-135 | 2.04 | 27 | |
| Surrogate: Bromofluorobenzene | 0.546 | | 0.500 | | 109 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.513 | | 0.500 | | 103 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/19/2025 11:33:40AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

Blank (2533072-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.554 | | 0.500 | | 111 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.492 | | 0.500 | | 98.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.523 | | 0.500 | | 105 | 70-130 | | | |

LCS (2533072-BS2)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 59.3 | 20.0 | 50.0 | | 119 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.567 | | 0.500 | | 113 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.498 | | 0.500 | | 99.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.534 | | 0.500 | | 107 | 70-130 | | | |

Matrix Spike (2533072-MS2)

Source: E508136-02

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 49.5 | 20.0 | 50.0 | ND | 99.1 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.561 | | 0.500 | | 112 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.489 | | 0.500 | | 97.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.517 | | 0.500 | | 103 | 70-130 | | | |

Matrix Spike Dup (2533072-MSD2)

Source: E508136-02

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 58.3 | 20.0 | 50.0 | ND | 117 | 70-130 | 16.2 | 20 | |
| Surrogate: Bromofluorobenzene | 0.563 | | 0.500 | | 113 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.485 | | 0.500 | | 96.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.527 | | 0.500 | | 105 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/19/2025 11:33:40AM |
|---|---|--|

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 (2533074-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 44.6 | | 50.0 | | 89.2 | 61-141 | | | |

LCS (2533074-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | | 94.7 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 48.3 | | 50.0 | | 96.7 | 61-141 | | | |

Matrix Spike (2533074-MS1)

Source: E508128-11

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 224 | 25.0 | 250 | ND | 89.7 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 45.5 | | 50.0 | | 91.1 | 61-141 | | | |

Matrix Spike Dup (2533074-MSD1)

Source: E508128-11

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 225 | 25.0 | 250 | ND | 89.9 | 56-156 | 0.183 | 20 | |
| Surrogate: <i>n</i> -Nonane | 45.2 | | 50.0 | | 90.4 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/19/2025 11:33:40AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2533069-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2533069-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 254 | 20.0 | 250 | | 102 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2533069-MS1)

Source: E508124-06

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|------|------|-----|------|----|--------|--|--|----|
| Chloride | 1510 | 20.0 | 250 | 1790 | NR | 80-120 | | | M4 |
|----------|------|------|-----|------|----|--------|--|--|----|

Matrix Spike Dup (2533069-MSD1)

Source: E508124-06

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|------|------|-----|------|-----|--------|------|----|--------|
| Chloride | 2130 | 20.0 | 250 | 1790 | 137 | 80-120 | 34.3 | 20 | M4, R3 |
|----------|------|------|-----|------|-----|--------|------|----|--------|

QC Summary Report Comment:

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



Definitions and Notes

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/19/25 11:33 |
|---|---|------------------------------------|

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

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

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



Received to Imaging: 12/30/2025 3:58:29 PM

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Received by OCD: 12/18/2025 12:50:00 PM

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| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E508132 | | 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 | FILTR | 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 | |
| | | | | | | | | | | | | | | | | | | | | |
| 0846 | 08-11-25 | S | 1 | BH 02 - 4' | | | 1 | | | | | | | | X | | | | | |
| 0847 | 08-11-25 | S | 1 | BH 02 - 5' | | | 2 | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | S | 1 | | | | | | | | | | | | X | | | | | |
| | | 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 | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | |
| | | 08-12-25 | | | | Michelle Gonzalez | | 8-12-25 | | 0900 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | |
| | | 8-12-25 | | 1445 | | Marissa Gonzalez | | 8-12-25 | | 1445 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | |
| | | 8-12-25 | | 1830 | | Andrew Musso | | 8-12-25 | | 1830 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | |
| | | 8-12-25 | | 2245 | | Caitlynn | | 8-13-25 | | 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: 8/15/2025 11:18:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | |
|---------------------------------|--------------------------------------|----------------------------|
| Client: Matador Resources, LLC. | Date Received: 08/13/25 07:00 | Work Order ID: E508132 |
| Phone: (972) 371-5200 | Date Logged In: 08/12/25 15:21 | Logged In By: Caitlin Mars |
| Email: agiovengo@ensolum.com | Due Date: 08/19/25 07:00 (4 day TAT) | |

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 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

Relinquished time on client signature missing on COC.

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: Iggles Well Pad

Work Order: E508133

Job Number: 23003-0002

Received: 8/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/18/25

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: 8/18/25



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

Project Name: Iggles Well Pad
Workorder: E508133
Date Received: 8/13/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/13/2025 7:00:00AM, under the Project Name: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

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Client Representative
Office: 505-421-LABS(5227)
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/18/25 17:06 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS01-0' | E508133-01A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |
| SS02-0' | E508133-02A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |
| SS03-0' | E508133-03A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |
| SS04-0' | E508133-04A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |
| SS06-0' | E508133-05A | Soil | 08/11/25 | 08/13/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

SS01-0'

E508133-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|-------------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | mg/kg | mg/kg | Analyst: SL | | Batch: 2533063 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 90.0 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | mg/kg | Analyst: SL | | Batch: 2533063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 90.9 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | mg/kg | mg/kg | Analyst: KH | | Batch: 2533071 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 119 % | 61-141 | 08/13/25 | 08/13/25 | |
| Anions by EPA 300.0/9056A | | mg/kg | mg/kg | Analyst: DT | | Batch: 2533067 |
| Chloride | 40.9 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

SS02-0'

E508133-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 89.9 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.4 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2533071 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 117 % | 61-141 | 08/13/25 | 08/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2533067 |
| Chloride | 117 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

SS03-0'

E508133-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 88.7 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.6 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2533071 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: n-Nonane</i> | | 118 % | 61-141 | 08/13/25 | 08/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2533067 |
| Chloride | 404 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

SS04-0'

E508133-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 88.6 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.9 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2533071 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 116 % | 61-141 | 08/13/25 | 08/13/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2533067 |
| Chloride | 513 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

SS06-0'

E508133-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Benzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| Toluene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/13/25 | 08/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 88.2 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2533063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/13/25 | 08/14/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.1 % | 70-130 | 08/13/25 | 08/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2533071 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/13/25 | 08/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/13/25 | 08/13/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 129 % | 61-141 | 08/13/25 | 08/13/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2533067 |
| Chloride | 140 | 20.0 | 1 | 08/13/25 | 08/14/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2533063-BLK1)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.89 | | 8.00 | | 86.1 | 70-130 | | | |

LCS (2533063-BS1)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.99 | 0.0250 | 5.00 | | 99.7 | 70-130 | | | |
| Ethylbenzene | 4.89 | 0.0250 | 5.00 | | 97.9 | 70-130 | | | |
| Toluene | 4.97 | 0.0250 | 5.00 | | 99.3 | 70-130 | | | |
| o-Xylene | 4.85 | 0.0250 | 5.00 | | 97.1 | 70-130 | | | |
| p,m-Xylene | 9.88 | 0.0500 | 10.0 | | 98.8 | 70-130 | | | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | | 98.3 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.83 | | 8.00 | | 85.4 | 70-130 | | | |

Matrix Spike (2533063-MS1)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.58 | 0.0250 | 5.00 | ND | 112 | 70-130 | | | |
| Ethylbenzene | 5.47 | 0.0250 | 5.00 | ND | 109 | 70-130 | | | |
| Toluene | 5.56 | 0.0250 | 5.00 | ND | 111 | 70-130 | | | |
| o-Xylene | 5.40 | 0.0250 | 5.00 | ND | 108 | 70-130 | | | |
| p,m-Xylene | 11.0 | 0.0500 | 10.0 | ND | 110 | 70-130 | | | |
| Total Xylenes | 16.4 | 0.0250 | 15.0 | ND | 109 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 | | 8.00 | | 85.5 | 70-130 | | | |

Matrix Spike Dup (2533063-MSD1)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | 7.84 | 27 | |
| Ethylbenzene | 5.05 | 0.0250 | 5.00 | ND | 101 | 70-130 | 8.07 | 26 | |
| Toluene | 5.13 | 0.0250 | 5.00 | ND | 103 | 70-130 | 7.99 | 20 | |
| o-Xylene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | 7.22 | 25 | |
| p,m-Xylene | 10.2 | 0.0500 | 10.0 | ND | 102 | 70-130 | 7.78 | 23 | |
| Total Xylenes | 15.2 | 0.0250 | 15.0 | ND | 101 | 70-130 | 7.59 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.75 | | 8.00 | | 84.4 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2533063-BLK1)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49 | | 8.00 | | 93.6 | 70-130 | | | |

LCS (2533063-BS2)

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.0 | 20.0 | 50.0 | | 94.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.57 | | 8.00 | | 94.6 | 70-130 | | | |

Matrix Spike (2533063-MS2)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.7 | 20.0 | 50.0 | ND | 95.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.61 | | 8.00 | | 95.1 | 70-130 | | | |

Matrix Spike Dup (2533063-MSD2)

Source: E508127-06

Prepared: 08/13/25 Analyzed: 08/14/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 55.3 | 20.0 | 50.0 | ND | 111 | 70-130 | 14.7 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.8 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

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 (2533071-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 53.9 | | 50.0 | | 108 | 61-141 | | | |

LCS (2533071-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 298 | 25.0 | 250 | | 119 | 66-144 | | | |
| Surrogate: n-Nonane | 56.8 | | 50.0 | | 114 | 61-141 | | | |

Matrix Spike (2533071-MS1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 316 | 25.0 | 250 | ND | 126 | 56-156 | | | |
| Surrogate: n-Nonane | 60.8 | | 50.0 | | 122 | 61-141 | | | |

Matrix Spike Dup (2533071-MSD1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 319 | 25.0 | 250 | ND | 127 | 56-156 | 0.833 | 20 | |
| Surrogate: n-Nonane | 60.4 | | 50.0 | | 121 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 8/18/2025 5:06:27PM |
|---|---|---|

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 (2533067-BLK1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2533067-BS1)

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 254 | 20.0 | 250 | | 102 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2533067-MS1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|-----|------|-----|----|-----|--------|--|--|--|
| Chloride | 254 | 20.0 | 250 | ND | 102 | 80-120 | | | |
|----------|-----|------|-----|----|-----|--------|--|--|--|

Matrix Spike Dup (2533067-MSD1)

Source: E508127-05

Prepared: 08/13/25 Analyzed: 08/13/25

| | | | | | | | | | |
|----------|-----|------|-----|----|-----|--------|--------|----|--|
| Chloride | 254 | 20.0 | 250 | ND | 102 | 80-120 | 0.0209 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 08/18/25 17:06 |
|---|---|------------------------------------|

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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E508133 | | 23003002 | | | | | 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 1006 - TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | | |
| | | | | | | | | | | | | | | | | Compliance | Y | or | N | |
| | | | | | | | | | | | | | | | | PWSID # | | | | |
| | | | | | | | | | | | | | | | | Sample Temp | | | Remarks | |
| 1003 | 08-11-25 | S | 1 | SS01 - 0' | | 1 | | | | | | | | X | | 2.4 | | | | |
| 1007 | | S | 1 | SS02 - 0' | | 2 | | | | | | | | X | | 2.1 | | | | |
| 1033 | | S | 1 | SS03 - 0' | | 3 | | | | | | | | X | | 2.0 | | | | |
| 1118 | | S | 1 | SS04 - 0' | | 4 | | | | | | | | X | | 1.8 | | | | |
| 0959 | | S | 1 | SS06 - 0' | | 5 | | | | | | | | X | | 2.2 | | | | |
| | | S | 1 | | | | | | | | | | | X | | | | | | |
| | | 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

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 | | | | | | 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 | | | | | | |
| <i>[Signature]</i> | 08-12-25 | | Michelle Gonzales | 8-12-25 | 0900 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>[Signature]</i> | 8-12-25 | 1445 | Marissa Gonzales | 8-12-25 | 1445 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>[Signature]</i> | 8-12-25 | 1830 | Andrew Musso | 8-12-25 | 1830 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>[Signature]</i> | 8.12.25 | 2245 | Caitlynn | 8.13.25 | 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: 8/13/2025 9:30:01AM

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: 08/13/25 07:00 Work Order ID: E508133
Phone: (972) 371-5200 Date Logged In: 08/12/25 15:23 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 08/19/25 07:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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: Iggles Well Pad

Work Order: E510147

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: Iggles Well Pad
Workorder: E510147
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:03 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS05B-0' | E510147-01A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:03:23AM |
|---|---|--|

SS05B-0'

E510147-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2542067 |
| 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> | | | | | | |
| | | 125 % | 70-130 | 10/15/25 | 10/17/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2542067 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/17/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 116 % | 70-130 | 10/15/25 | 10/17/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: NV | | Batch: 2542063 |
| Diesel Range Organics (C10-C28) | 28.4 | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 107 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542098 |
| Chloride | 1180 | 20.0 | 1 | 10/16/25 | 10/16/25 | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:03:23AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542067-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 | 9.36 | | 8.00 | | 117 | 70-130 | | | |

LCS (2542067-BS1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.39 | 0.0250 | 5.00 | | 87.7 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.8 | 70-130 | | | |
| Toluene | 4.36 | 0.0250 | 5.00 | | 87.1 | 70-130 | | | |
| o-Xylene | 4.34 | 0.0250 | 5.00 | | 86.8 | 70-130 | | | |
| p,m-Xylene | 8.78 | 0.0500 | 10.0 | | 87.8 | 70-130 | | | |
| Total Xylenes | 13.1 | 0.0250 | 15.0 | | 87.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.43 | | 8.00 | | 118 | 70-130 | | | |

Matrix Spike (2542067-MS1)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.01 | 0.0250 | 5.00 | ND | 80.1 | 70-130 | | | |
| Ethylbenzene | 3.95 | 0.0250 | 5.00 | ND | 79.0 | 70-130 | | | |
| Toluene | 3.98 | 0.0250 | 5.00 | ND | 79.6 | 70-130 | | | |
| o-Xylene | 4.00 | 0.0250 | 5.00 | ND | 79.9 | 70-130 | | | |
| p,m-Xylene | 8.02 | 0.0500 | 10.0 | ND | 80.2 | 70-130 | | | |
| Total Xylenes | 12.0 | 0.0250 | 15.0 | ND | 80.1 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.52 | | 8.00 | | 119 | 70-130 | | | |

Matrix Spike Dup (2542067-MSD1)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 3.70 | 0.0250 | 5.00 | ND | 74.0 | 70-130 | 7.89 | 27 | |
| Ethylbenzene | 3.67 | 0.0250 | 5.00 | ND | 73.5 | 70-130 | 7.22 | 26 | |
| Toluene | 3.68 | 0.0250 | 5.00 | ND | 73.7 | 70-130 | 7.67 | 20 | |
| o-Xylene | 3.72 | 0.0250 | 5.00 | ND | 74.5 | 70-130 | 7.02 | 25 | |
| p,m-Xylene | 7.48 | 0.0500 | 10.0 | ND | 74.8 | 70-130 | 6.99 | 23 | |
| Total Xylenes | 11.2 | 0.0250 | 15.0 | ND | 74.7 | 70-130 | 7.00 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.57 | | 8.00 | | 120 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:03:23AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542067-BLK1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.23 | | 8.00 | | 103 | 70-130 | | | |

LCS (2542067-BS2)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 40.0 | 20.0 | 50.0 | | 80.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.27 | | 8.00 | | 103 | 70-130 | | | |

Matrix Spike (2542067-MS2)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/17/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.6 | 20.0 | 50.0 | ND | 93.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.32 | | 8.00 | | 104 | 70-130 | | | |

Matrix Spike Dup (2542067-MSD2)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/17/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 44.7 | 20.0 | 50.0 | ND | 89.5 | 70-130 | 4.18 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.35 | | 8.00 | | 104 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:03:23AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542063-BLK1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 52.6 | | 50.0 | | 105 | 61-141 | | | |

LCS (2542063-BS1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 273 | 25.0 | 250 | | 109 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 50.7 | | 50.0 | | 101 | 61-141 | | | |

Matrix Spike (2542063-MS1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 305 | 25.0 | 250 | ND | 122 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 56.7 | | 50.0 | | 113 | 61-141 | | | |

Matrix Spike Dup (2542063-MSD1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 301 | 25.0 | 250 | ND | 121 | 56-156 | 1.29 | 20 | |
| Surrogate: <i>n</i> -Nonane | 55.7 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:03:23AM |
|---|---|--|

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 (2542098-BLK1)

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2542098-BS1)

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2542098-MS1)

Source: E510146-02

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|-----|------|-----|-----|-----|--------|--|--|--|
| Chloride | 614 | 20.0 | 250 | 340 | 110 | 80-120 | | | |
|----------|-----|------|-----|-----|-----|--------|--|--|--|

Matrix Spike Dup (2542098-MSD1)

Source: E510146-02

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|-----|------|-----|-----|-----|--------|------|----|--|
| Chloride | 604 | 20.0 | 250 | 340 | 106 | 80-120 | 1.62 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510147 | | 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 | | |
| 1055 | 10/13/2025 | S | 1 | SS05B - 0' | | | 1 | | | | | | | | | X | | | | | 3.2 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

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>[Signature]</i> | Date | Time | Received by: (Signature) <i>Michelle Gonzales</i> | 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) <i>Michelle Gonzales</i> | 10-14-25 | 0700 | Received by: (Signature) <i>Mariassa Gonzales</i> | 10-14-25 | 0700 | |
| Relinquished by: (Signature) <i>Mariassa Gonzales</i> | 10-14-25 | 1430 | Received by: (Signature) <i>Andrew Musso</i> | 10-14-25 | 1430 | |
| Relinquished by: (Signature) <i>Andrew Musso</i> | 10-14-25 | 1900 | Received by: (Signature) <i>Cailla Man</i> | 10-14-25 | 1900 | |
| Relinquished by: (Signature) <i>Andrew Musso</i> | Date | Time | Received by: (Signature) | Date | Time | Lab Use Only |
| Relinquished by: (Signature) | 10-14-25 | 2300 | Received by: (Signature) | 10-15-25 | 800 | Received on ice: |
| Relinquished by: (Signature) | | | Received by: (Signature) | | | <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: 10/15/2025 9:33:19AM

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: 10/15/25 08:00 Work Order ID: E510147
Phone: (972) 371-5200 Date Logged In: 10/14/25 15:50 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.

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: Iggles Well Pad

Work Order: E510148

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: Iggles Well Pad
Workorder: E510148
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

Field Offices:

Southern New Mexico Area

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Cell: 505-320-4759
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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:10 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS06B-0' | E510148-01A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:10:18AM |
|---|---|--|

SS06B-0'

E510148-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: MB | | Batch: 2542067 |
| 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> | | 126 % | 70-130 | 10/15/25 | 10/17/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: MB | | Batch: 2542067 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/17/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 117 % | 70-130 | 10/15/25 | 10/17/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: NV | | Batch: 2542063 |
| Diesel Range Organics (C10-C28) | 44.9 | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | 64.3 | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 108 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542098 |
| Chloride | 1160 | 20.0 | 1 | 10/16/25 | 10/16/25 | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:10:18AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542067-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 | 9.36 | | 8.00 | | 117 | 70-130 | | | |

LCS (2542067-BS1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.39 | 0.0250 | 5.00 | | 87.7 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.8 | 70-130 | | | |
| Toluene | 4.36 | 0.0250 | 5.00 | | 87.1 | 70-130 | | | |
| o-Xylene | 4.34 | 0.0250 | 5.00 | | 86.8 | 70-130 | | | |
| p,m-Xylene | 8.78 | 0.0500 | 10.0 | | 87.8 | 70-130 | | | |
| Total Xylenes | 13.1 | 0.0250 | 15.0 | | 87.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.43 | | 8.00 | | 118 | 70-130 | | | |

Matrix Spike (2542067-MS1)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.01 | 0.0250 | 5.00 | ND | 80.1 | 70-130 | | | |
| Ethylbenzene | 3.95 | 0.0250 | 5.00 | ND | 79.0 | 70-130 | | | |
| Toluene | 3.98 | 0.0250 | 5.00 | ND | 79.6 | 70-130 | | | |
| o-Xylene | 4.00 | 0.0250 | 5.00 | ND | 79.9 | 70-130 | | | |
| p,m-Xylene | 8.02 | 0.0500 | 10.0 | ND | 80.2 | 70-130 | | | |
| Total Xylenes | 12.0 | 0.0250 | 15.0 | ND | 80.1 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.52 | | 8.00 | | 119 | 70-130 | | | |

Matrix Spike Dup (2542067-MSD1)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 3.70 | 0.0250 | 5.00 | ND | 74.0 | 70-130 | 7.89 | 27 | |
| Ethylbenzene | 3.67 | 0.0250 | 5.00 | ND | 73.5 | 70-130 | 7.22 | 26 | |
| Toluene | 3.68 | 0.0250 | 5.00 | ND | 73.7 | 70-130 | 7.67 | 20 | |
| o-Xylene | 3.72 | 0.0250 | 5.00 | ND | 74.5 | 70-130 | 7.02 | 25 | |
| p,m-Xylene | 7.48 | 0.0500 | 10.0 | ND | 74.8 | 70-130 | 6.99 | 23 | |
| Total Xylenes | 11.2 | 0.0250 | 15.0 | ND | 74.7 | 70-130 | 7.00 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.57 | | 8.00 | | 120 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:10:18AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542067-BLK1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.23 | | 8.00 | | 103 | 70-130 | | | |

LCS (2542067-BS2)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 40.0 | 20.0 | 50.0 | | 80.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.27 | | 8.00 | | 103 | 70-130 | | | |

Matrix Spike (2542067-MS2)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/17/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.6 | 20.0 | 50.0 | ND | 93.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.32 | | 8.00 | | 104 | 70-130 | | | |

Matrix Spike Dup (2542067-MSD2)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/17/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 44.7 | 20.0 | 50.0 | ND | 89.5 | 70-130 | 4.18 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.35 | | 8.00 | | 104 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:10:18AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542063-BLK1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 52.6 | | 50.0 | | 105 | 61-141 | | | |

LCS (2542063-BS1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 273 | 25.0 | 250 | | 109 | 66-144 | | | |
| Surrogate: n-Nonane | 50.7 | | 50.0 | | 101 | 61-141 | | | |

Matrix Spike (2542063-MS1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 305 | 25.0 | 250 | ND | 122 | 56-156 | | | |
| Surrogate: n-Nonane | 56.7 | | 50.0 | | 113 | 61-141 | | | |

Matrix Spike Dup (2542063-MSD1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 301 | 25.0 | 250 | ND | 121 | 56-156 | 1.29 | 20 | |
| Surrogate: n-Nonane | 55.7 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:10:18AM |
|---|---|--|

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 (2542098-BLK1)

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2542098-BS1)

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2542098-MS1)

Source: E510146-02

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|-----|------|-----|-----|-----|--------|--|--|--|
| Chloride | 614 | 20.0 | 250 | 340 | 110 | 80-120 | | | |
|----------|-----|------|-----|-----|-----|--------|--|--|--|

Matrix Spike Dup (2542098-MSD1)

Source: E510146-02

Prepared: 10/16/25 Analyzed: 10/16/25

| | | | | | | | | | |
|----------|-----|------|-----|-----|-----|--------|------|----|--|
| Chloride | 604 | 20.0 | 250 | 340 | 106 | 80-120 | 1.62 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:10 |
|---|---|------------------------------------|

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510148 | | 23002-0002 | | | | | 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 | |
| | | | | | | | | | | | | | | | | | | | |
| 1100 | 10/13/2025 | S | 1 | SS06B - 0' | | 1 | | | | | | | | X | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| 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, 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> | 10-14-25 | 0700 | <i>Michelle Gonzales</i> | 10-14-25 | 0700 | | | | | | | | | | | | | | |
| <i>Michelle Gonzales</i> | 10-14-25 | 1430 | <i>Mariassa Gonzales</i> | 10-14-25 | 1430 | | | | | | | | | | | | | | |
| <i>Mariassa Gonzales</i> | 10-14-25 | 1900 | <i>Andrew Musso</i> | 10-14-25 | 1900 | | | | | | | | | | | | | | |
| <i>Andrew Musso</i> | 10-14-25 | 2300 | <i>Cathy Mar</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 9:35:06AM

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: E510148
Phone: (972) 371-5200 Date Logged In: 10/14/25 15:52 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

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: Iggles Well Pad

Work Order: E510149

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: Iggles Well Pad
Workorder: E510149
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

Field Offices:

Southern New Mexico Area

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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:15 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS08B-0' | E510149-01A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:15:51AM |
|---|---|--|

SS08B-0'

E510149-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: MB | | Batch: 2542067 |
| 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> | | | | | | |
| | | 130 % | 70-130 | 10/15/25 | 10/17/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: MB | | Batch: 2542067 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/17/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 118 % | 70-130 | 10/15/25 | 10/17/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: NV | | Batch: 2542063 |
| Diesel Range Organics (C10-C28) | 175 | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | 281 | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 105 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542098 |
| Chloride | 4940 | 40.0 | 2 | 10/16/25 | 10/16/25 | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:15:51AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542067-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 | 9.36 | | 8.00 | | 117 | 70-130 | | | |

LCS (2542067-BS1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.39 | 0.0250 | 5.00 | | 87.7 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.8 | 70-130 | | | |
| Toluene | 4.36 | 0.0250 | 5.00 | | 87.1 | 70-130 | | | |
| o-Xylene | 4.34 | 0.0250 | 5.00 | | 86.8 | 70-130 | | | |
| p,m-Xylene | 8.78 | 0.0500 | 10.0 | | 87.8 | 70-130 | | | |
| Total Xylenes | 13.1 | 0.0250 | 15.0 | | 87.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.43 | | 8.00 | | 118 | 70-130 | | | |

Matrix Spike (2542067-MS1)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.01 | 0.0250 | 5.00 | ND | 80.1 | 70-130 | | | |
| Ethylbenzene | 3.95 | 0.0250 | 5.00 | ND | 79.0 | 70-130 | | | |
| Toluene | 3.98 | 0.0250 | 5.00 | ND | 79.6 | 70-130 | | | |
| o-Xylene | 4.00 | 0.0250 | 5.00 | ND | 79.9 | 70-130 | | | |
| p,m-Xylene | 8.02 | 0.0500 | 10.0 | ND | 80.2 | 70-130 | | | |
| Total Xylenes | 12.0 | 0.0250 | 15.0 | ND | 80.1 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.52 | | 8.00 | | 119 | 70-130 | | | |

Matrix Spike Dup (2542067-MSD1)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 3.70 | 0.0250 | 5.00 | ND | 74.0 | 70-130 | 7.89 | 27 | |
| Ethylbenzene | 3.67 | 0.0250 | 5.00 | ND | 73.5 | 70-130 | 7.22 | 26 | |
| Toluene | 3.68 | 0.0250 | 5.00 | ND | 73.7 | 70-130 | 7.67 | 20 | |
| o-Xylene | 3.72 | 0.0250 | 5.00 | ND | 74.5 | 70-130 | 7.02 | 25 | |
| p,m-Xylene | 7.48 | 0.0500 | 10.0 | ND | 74.8 | 70-130 | 6.99 | 23 | |
| Total Xylenes | 11.2 | 0.0250 | 15.0 | ND | 74.7 | 70-130 | 7.00 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.57 | | 8.00 | | 120 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:15:51AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

Blank (2542067-BLK1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.23 | | 8.00 | | 103 | 70-130 | | | |

LCS (2542067-BS2)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 40.0 | 20.0 | 50.0 | | 80.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.27 | | 8.00 | | 103 | 70-130 | | | |

Matrix Spike (2542067-MS2)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/17/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.6 | 20.0 | 50.0 | ND | 93.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.32 | | 8.00 | | 104 | 70-130 | | | |

Matrix Spike Dup (2542067-MSD2)

Source: E510145-05

Prepared: 10/15/25 Analyzed: 10/17/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 44.7 | 20.0 | 50.0 | ND | 89.5 | 70-130 | 4.18 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.35 | | 8.00 | | 104 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:15:51AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542063-BLK1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 52.6 | | 50.0 | | 105 | 61-141 | | | |

LCS (2542063-BS1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 273 | 25.0 | 250 | | 109 | 66-144 | | | |
| Surrogate: n-Nonane | 50.7 | | 50.0 | | 101 | 61-141 | | | |

Matrix Spike (2542063-MS1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 305 | 25.0 | 250 | ND | 122 | 56-156 | | | |
| Surrogate: n-Nonane | 56.7 | | 50.0 | | 113 | 61-141 | | | |

Matrix Spike Dup (2542063-MSD1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 301 | 25.0 | 250 | ND | 121 | 56-156 | 1.29 | 20 | |
| Surrogate: n-Nonane | 55.7 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:15:51AM |
|---|---|--|

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 (2542098-BLK1)

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride ND 20.0

LCS (2542098-BS1)

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride 253 20.0 250 101 90-110

Matrix Spike (2542098-MS1)

Source: E510146-02

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride 614 20.0 250 340 110 80-120

Matrix Spike Dup (2542098-MSD1)

Source: E510146-02

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride 604 20.0 250 340 106 80-120 1.62 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:15 |
|---|---|------------------------------------|

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: 10/15/2025 9:36:56AM

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: 10/15/25 08:00 | Work Order ID: E510149 |
| Phone: (972) 371-5200 | Date Logged In: 10/14/25 15:53 | 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

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: Iggles Well Pad

Work Order: E510150

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: Iggles Well Pad
Workorder: E510150
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

Raina Schwanz
Laboratory Administrator
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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:18 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS01A-0' | E510150-01A | Soil | 10/13/25 | 10/15/25 | Glass Jar, 2 oz. |
| SS05A-0' | E510150-02A | Soil | 10/13/25 | 10/15/25 | Glass Jar, 2 oz. |
| SS05C-0' | E510150-03A | Soil | 10/13/25 | 10/15/25 | Glass Jar, 2 oz. |
| SS06A-0' | E510150-04A | Soil | 10/13/25 | 10/15/25 | Glass Jar, 2 oz. |
| SS07A-0' | E510150-05A | Soil | 10/13/25 | 10/15/25 | Glass Jar, 2 oz. |
| SS08A-0' | E510150-06A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

SS01A-0'

E510150-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2542068 | |
| 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2542068 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 94.1 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2542064 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/15/25 | 10/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/15/25 | 10/15/25 | |
| <i>Surrogate: n-Nonane</i> | | 94.2 % | 61-141 | 10/15/25 | 10/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2542099 | |
| Chloride | 4680 | 40.0 | 2 | 10/16/25 | 10/16/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

SS05A-0'

E510150-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 96.5 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2542064 |
| Diesel Range Organics (C10-C28) | 176 | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | 186 | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 98.1 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542099 |
| Chloride | 712 | 20.0 | 1 | 10/16/25 | 10/16/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

SS05C-0'

E510150-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 94.9 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2542064 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 96.7 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542099 |
| Chloride | 110 | 20.0 | 1 | 10/16/25 | 10/16/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

SS06A-0'

E510150-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| 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> | | 115 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 94.5 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2542064 |
| Diesel Range Organics (C10-C28) | 64.9 | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | 85.2 | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 96.5 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542099 |
| Chloride | 1140 | 20.0 | 1 | 10/16/25 | 10/16/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

SS07A-0'

E510150-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 95.3 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2542064 |
| Diesel Range Organics (C10-C28) | 77.6 | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | 97.8 | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 94.3 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542099 |
| Chloride | 2120 | 20.0 | 1 | 10/16/25 | 10/16/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

SS08A-0'

E510150-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| 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> | | 117 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2542068 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 92.6 % | 70-130 | 10/15/25 | 10/16/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2542064 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/15/25 | 10/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/15/25 | 10/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 93.3 % | 61-141 | 10/15/25 | 10/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | Batch: 2542099 |
| Chloride | 7410 | 100 | 5 | 10/16/25 | 10/16/25 | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542068-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 | 8.32 | | 8.00 | | 104 | 70-130 | | | |

LCS (2542068-BS1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.00 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Ethylbenzene | 4.93 | 0.0250 | 5.00 | | 98.5 | 70-130 | | | |
| Toluene | 4.98 | 0.0250 | 5.00 | | 99.7 | 70-130 | | | |
| o-Xylene | 4.94 | 0.0250 | 5.00 | | 98.9 | 70-130 | | | |
| p,m-Xylene | 10.0 | 0.0500 | 10.0 | | 100 | 70-130 | | | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | | 99.8 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.66 | | 8.00 | | 108 | 70-130 | | | |

Matrix Spike (2542068-MS1)

Source: E510151-01

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.63 | 0.0250 | 5.00 | ND | 92.6 | 70-130 | | | |
| Ethylbenzene | 4.56 | 0.0250 | 5.00 | ND | 91.2 | 70-130 | | | |
| Toluene | 4.61 | 0.0250 | 5.00 | ND | 92.1 | 70-130 | | | |
| o-Xylene | 4.58 | 0.0250 | 5.00 | ND | 91.7 | 70-130 | | | |
| p,m-Xylene | 9.29 | 0.0500 | 10.0 | ND | 92.9 | 70-130 | | | |
| Total Xylenes | 13.9 | 0.0250 | 15.0 | ND | 92.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.74 | | 8.00 | | 109 | 70-130 | | | |

Matrix Spike Dup (2542068-MSD1)

Source: E510151-01

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.86 | 0.0250 | 5.00 | ND | 97.2 | 70-130 | 4.89 | 27 | |
| Ethylbenzene | 4.80 | 0.0250 | 5.00 | ND | 96.0 | 70-130 | 5.14 | 26 | |
| Toluene | 4.84 | 0.0250 | 5.00 | ND | 96.8 | 70-130 | 4.97 | 20 | |
| o-Xylene | 4.82 | 0.0250 | 5.00 | ND | 96.5 | 70-130 | 5.10 | 25 | |
| p,m-Xylene | 9.78 | 0.0500 | 10.0 | ND | 97.8 | 70-130 | 5.11 | 23 | |
| Total Xylenes | 14.6 | 0.0250 | 15.0 | ND | 97.4 | 70-130 | 5.11 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.74 | | 8.00 | | 109 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2542068-BLK1)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42 | | 8.00 | | 92.8 | 70-130 | | | |

LCS (2542068-BS2)

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.9 | 20.0 | 50.0 | | 95.9 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.69 | | 8.00 | | 96.2 | 70-130 | | | |

Matrix Spike (2542068-MS2)

Source: E510151-01

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.2 | 20.0 | 50.0 | ND | 88.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.81 | | 8.00 | | 97.6 | 70-130 | | | |

Matrix Spike Dup (2542068-MSD2)

Source: E510151-01

Prepared: 10/15/25 Analyzed: 10/16/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 46.4 | 20.0 | 50.0 | ND | 92.8 | 70-130 | 4.78 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.84 | | 8.00 | | 98.0 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

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 (2542064-BLK1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n-Nonane</i> | 47.6 | | 50.0 | | 95.2 | 61-141 | | | |

LCS (2542064-BS1)

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | | 94.8 | 66-144 | | | |
| Surrogate: <i>n-Nonane</i> | 46.2 | | 50.0 | | 92.3 | 61-141 | | | |

Matrix Spike (2542064-MS1)

Source: E510142-47

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 254 | 25.0 | 250 | ND | 102 | 56-156 | | | |
| Surrogate: <i>n-Nonane</i> | 48.0 | | 50.0 | | 96.1 | 61-141 | | | |

Matrix Spike Dup (2542064-MSD1)

Source: E510142-47

Prepared: 10/15/25 Analyzed: 10/15/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 259 | 25.0 | 250 | ND | 104 | 56-156 | 1.89 | 20 | |
| Surrogate: <i>n-Nonane</i> | 49.0 | | 50.0 | | 98.0 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/2025 9:18:23AM |
|---|---|--|

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 (2542099-BLK1)

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride ND 20.0

LCS (2542099-BS1)

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride 250 20.0 250 99.8 90-110

Matrix Spike (2542099-MS1)

Source: E510150-03

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride 358 20.0 250 110 99.4 80-120

Matrix Spike Dup (2542099-MSD1)

Source: E510150-03

Prepared: 10/16/25 Analyzed: 10/16/25

Chloride 356 20.0 250 110 98.4 80-120 0.719 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/21/25 09:18 |
|---|---|------------------------------------|

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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510150 | | 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 | | | | |
| 1010 | 10/13/2025 | S | 1 | SS01A - 0' | | 1 | | | | | | | | X | | 2.2 | | | | | |
| 1021 | 10/13/2025 | S | 1 | SS05A - 0' | | 2 | | | | | | | | X | | 2.0 | | | | | |
| 1150 | 10/13/2025 | S | 1 | SS05C - 0' | | 3 | | | | | | | | X | | 3.4 | | | | | |
| 1140 | 10/13/2025 | S | 1 | SS06A - 0' | | 4 | | | | | | | | X | | 2.0 | | | | | |
| 1018 | 10/13/2025 | S | 1 | SS07A - 0' | | 5 | | | | | | | | X | | 2.4 | | | | | |
| 1103 | 10/13/2025 | S | 1 | SS08A - 0' | | 6 | | | | | | | | X | | 2.8 | | | | | |

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, 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>Jarad McCauley</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>Chella Marx</i> | 10-15-25 | 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: 10/15/2025 9:38:51AM

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: 10/15/25 08:00 Work Order ID: E510150
Phone: (972) 371-5200 Date Logged In: 10/14/25 15:54 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.

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: Iggles Well Pad

Work Order: E509332

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: Iggles Well Pad
Workorder: E509332
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/07/25 09:23 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS39-0' | E509332-01A | Soil | 09/29/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS49-0' | E509332-02A | Soil | 09/29/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS56-0' | E509332-03A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

FS39-0'

E509332-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2540060 | |
| 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> | | 111 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2540060 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 117 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2540057 | |
| Diesel Range Organics (C10-C28) | 115 | 25.0 | 1 | 10/01/25 | 10/01/25 | |
| Oil Range Organics (C28-C36) | 170 | 50.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: n-Nonane</i> | | 98.3 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: TP | | Batch: 2540075 | |
| Chloride | 14200 | 200 | 10 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

FS49-0'

E509332-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540060 |
| 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> | | 111 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540060 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 117 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 393 | 25.0 | 1 | 10/01/25 | 10/01/25 | |
| Oil Range Organics (C28-C36) | 512 | 50.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: n-Nonane</i> | | 98.7 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 3180 | 40.0 | 2 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

FS56-0'

E509332-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540060 |
| 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> | | 112 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540060 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 119 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 562 | 25.0 | 1 | 10/01/25 | 10/01/25 | |
| Oil Range Organics (C28-C36) | 790 | 50.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: n-Nonane</i> | | 95.3 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 5540 | 100 | 5 | 10/01/25 | 10/01/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540060-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 | 8.81 | | 8.00 | | 110 | 70-130 | | | |

LCS (2540060-BS1)

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

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.37 | 0.0250 | 5.00 | | 87.5 | 70-130 | | | |
| Ethylbenzene | 4.32 | 0.0250 | 5.00 | | 86.5 | 70-130 | | | |
| Toluene | 4.37 | 0.0250 | 5.00 | | 87.4 | 70-130 | | | |
| o-Xylene | 4.37 | 0.0250 | 5.00 | | 87.4 | 70-130 | | | |
| p,m-Xylene | 8.81 | 0.0500 | 10.0 | | 88.1 | 70-130 | | | |
| Total Xylenes | 13.2 | 0.0250 | 15.0 | | 87.8 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.84 | | 8.00 | | 110 | 70-130 | | | |

Matrix Spike (2540060-MS1)

Source: E509324-01

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

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.78 | 0.0250 | 5.00 | ND | 95.6 | 70-130 | | | |
| Ethylbenzene | 4.73 | 0.0250 | 5.00 | ND | 94.5 | 70-130 | | | |
| Toluene | 4.77 | 0.0250 | 5.00 | ND | 95.4 | 70-130 | | | |
| o-Xylene | 4.75 | 0.0250 | 5.00 | ND | 95.0 | 70-130 | | | |
| p,m-Xylene | 9.60 | 0.0500 | 10.0 | ND | 96.0 | 70-130 | | | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | ND | 95.7 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.89 | | 8.00 | | 111 | 70-130 | | | |

Matrix Spike Dup (2540060-MSD1)

Source: E509324-01

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

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--------|----|--|
| Benzene | 4.79 | 0.0250 | 5.00 | ND | 95.8 | 70-130 | 0.200 | 27 | |
| Ethylbenzene | 4.74 | 0.0250 | 5.00 | ND | 94.9 | 70-130 | 0.361 | 26 | |
| Toluene | 4.78 | 0.0250 | 5.00 | ND | 95.7 | 70-130 | 0.298 | 20 | |
| o-Xylene | 4.76 | 0.0250 | 5.00 | ND | 95.1 | 70-130 | 0.0862 | 25 | |
| p,m-Xylene | 9.63 | 0.0500 | 10.0 | ND | 96.3 | 70-130 | 0.321 | 23 | |
| Total Xylenes | 14.4 | 0.0250 | 15.0 | ND | 95.9 | 70-130 | 0.243 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.71 | | 8.00 | | 109 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540060-BLK1)

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

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.56 | | 8.00 | | 107 | 70-130 | | | |

LCS (2540060-BS2)

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

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 45.6 | 20.0 | 50.0 | | 91.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.42 | | 8.00 | | 105 | 70-130 | | | |

Matrix Spike (2540060-MS2)

Source: E509324-01

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

| | | | | | | | | | |
|---|------|------|------|----|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 50.1 | 20.0 | 50.0 | ND | 100 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.38 | | 8.00 | | 105 | 70-130 | | | |

Matrix Spike Dup (2540060-MSD2)

Source: E509324-01

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

| | | | | | | | | | |
|---|------|------|------|----|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 50.9 | 20.0 | 50.0 | ND | 102 | 70-130 | 1.46 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.43 | | 8.00 | | 105 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540057-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: <i>n</i> -Nonane | 47.8 | | 50.0 | | 95.6 | 61-141 | | | |

LCS (2540057-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | | 107 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 49.0 | | 50.0 | | 98.1 | 61-141 | | | |

Matrix Spike (2540057-MS1)

Source: E509333-04

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 272 | 25.0 | 250 | ND | 109 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 49.3 | | 50.0 | | 98.7 | 61-141 | | | |

Matrix Spike Dup (2540057-MSD1)

Source: E509333-04

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 56-156 | 2.72 | 20 | |
| Surrogate: <i>n</i> -Nonane | 47.5 | | 50.0 | | 95.0 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:23:31AM |
|---|---|---|

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 (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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/07/25 09:23 |
|---|---|------------------------------------|

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.



Envirotech Analytical Laboratory

Printed: 10/1/2025 9:47:29AM

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: 10/01/25 07:30 Work Order ID: E509332
Phone: (972) 371-5200 Date Logged In: 09/30/25 15:56 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: Iggles Well Pad

Work Order: E509333

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: Iggles Well Pad
Workorder: E509333
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

Raina Schwanz
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Field Offices:

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/07/25 09:49 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SW01- 0-1' | E509333-01A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| SW02- 0-1' | E509333-02A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS09-1' | E509333-03A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS10-1' | E509333-04A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS11-1' | E509333-05A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS12-1' | E509333-06A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS18-1' | E509333-07A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS19-1' | E509333-08A | Soil | 09/26/25 | 10/01/25 | Glass Jar, 2 oz. |
| FS20-1' | E509333-09A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

SW01- 0-1'
E509333-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | | | | | |
| | | 101 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 86.4 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 75.8 | 25.0 | 1 | 10/01/25 | 10/01/25 | |
| Oil Range Organics (C28-C36) | 125 | 50.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 101 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 6920 | 100 | 5 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

SW02- 0-1'

E509333-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | | | | | |
| | | 97.2 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 86.7 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 116 | 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 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 5600 | 100 | 5 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS09-1'

E509333-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | 97.7 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 88.4 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| 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> | | 97.8 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 4080 | 40.0 | 2 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS10-1'

E509333-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | 97.3 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 87.6 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| 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> | | 98.8 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 2130 | 20.0 | 1 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS11-1'

E509333-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | | | | | |
| | | 97.4 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 87.0 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 31.1 | 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> | | | | | | |
| | | 97.4 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 7620 | 100 | 5 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS12-1'

E509333-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | 98.4 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 87.5 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| 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> | | 95.3 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 3870 | 40.0 | 2 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS18-1'

E509333-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| 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> | | | | | | |
| | | 100 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540063 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 87.3 % | 70-130 | 10/01/25 | 10/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 130 | 25.0 | 1 | 10/01/25 | 10/01/25 | |
| Oil Range Organics (C28-C36) | 144 | 50.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.4 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 7110 | 100 | 5 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS19-1'

E509333-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | 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> | | 98.0 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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> | | 86.9 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 35.2 | 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 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 8440 | 200 | 10 | 10/01/25 | 10/01/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

FS20-1'

E509333-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | 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> | | | | | | |
| | | 87.1 % | 70-130 | 10/01/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540057 |
| Diesel Range Organics (C10-C28) | 72.2 | 25.0 | 1 | 10/01/25 | 10/01/25 | |
| Oil Range Organics (C28-C36) | 76.6 | 50.0 | 1 | 10/01/25 | 10/01/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.5 % | 61-141 | 10/01/25 | 10/01/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540075 |
| Chloride | 7780 | 100 | 5 | 10/01/25 | 10/01/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540057-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: <i>n</i> -Nonane | 47.8 | | 50.0 | | 95.6 | 61-141 | | | |

LCS (2540057-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | | 107 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 49.0 | | 50.0 | | 98.1 | 61-141 | | | |

Matrix Spike (2540057-MS1)

Source: E509333-04

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 272 | 25.0 | 250 | ND | 109 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 49.3 | | 50.0 | | 98.7 | 61-141 | | | |

Matrix Spike Dup (2540057-MSD1)

Source: E509333-04

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 56-156 | 2.72 | 20 | |
| Surrogate: <i>n</i> -Nonane | 47.5 | | 50.0 | | 95.0 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/7/2025 9:49:33AM |
|---|---|---|

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 (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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/07/25 09:49 |
|---|---|------------------------------------|

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: Iggles Well Pad | | Address: 3122 National Parks Hwy | | E509333 | 23003-0002 | | | | X | X | | | |
| Project Manager: Ashley Giovengo | | City, State, Zip: Carlsbad NM, 88220 | | Phone: 575-988-0055 | | Analysis and Method | | EPA Program | | | | | |
| Address: 3122 National Parks Hwy | | Phone: 575-988-0055 | | Email: agiovengo@ensolum.com | | DRO/ORO by 8015 | | SDWA | | CWA | | RCRA | |
| City, State, Zip: Carlsbad NM, 88220 | | Miscellaneous: | | | | GRO/DRO by 8015 | | Compliance | | Y | | or N | |
| Phone: 575-988-0055 | | | | | | BTEX by 8021 | | PWSID # | | | | | |
| Email: agiovengo@ensolum.com | | | | | | VOC by 8250 | | Sample Temp | | | | | |
| | | | | | | Chloride 300.0 | | Remarks | | | | | |
| | | | | | | TCEQ 1005 - TX | | | | | | | |
| | | | | | | RCRA 8 Metals | | | | | | | |
| | | | | | | BGDOC - NM | | | | | | | |
| | | | | | | BGDOC - TX | | | | | | | |

| 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 8250 | Chloride 300.0 | TCEQ 1005 - TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | Sample Temp | Remarks |
| 841 | 9/26/2025 | S | 1 | SW01 - 0 - 1' | | 1 | | | | | | | | X | | 2.8 | |
| 844 | 9/26/2025 | S | 1 | SW02 - 0 - 1' | | 2 | | | | | | | | X | | 2.4 | |
| 807 | 9/26/2025 | S | 1 | FS09 - 1' | | 3 | | | | | | | | X | | 1.6 | |
| 805 | 9/26/2025 | S | 1 | FS10 - 1' | | 4 | | | | | | | | X | | 2.2 | |
| 804 | 9/26/2025 | S | 1 | FS11 - 1' | | 5 | | | | | | | | X | | 1.8 | |
| 803 | 9/26/2025 | S | 1 | FS12 - 1' | | 6 | | | | | | | | X | | 2.0 | |
| 809 | 9/26/2025 | S | 1 | FS18 - 1' | | 7 | | | | | | | | X | | 2.0 | |
| 810 | 9/26/2025 | S | 1 | FS19 - 1' | | 8 | | | | | | | | X | | 2.4 | |
| 812 | 9/26/2025 | S | 1 | FS20 - 1' | | 9 | | | | | | | | X | | 2.6 | |

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, 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>[Signature]</i> | 9-30-25 | 700 | Michelle Gonzales | 9-30-25 | 0700 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| Michelle Gonzales | 9-30-25 | 1500 | Nathan Samuels | 9-30-25 | 1500 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| Nathan Samuels | 9-30-25 | 1940 | Andrew Musso | 9-30-25 | 1940 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| Andrew Musso | 10-1-25 | 0115 | Caitlin Han | 10-1-25 | 730 | | | | | | |
| 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: 10/1/2025 9:48:24AM

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: E509333
Phone: (972) 371-5200 Date Logged In: 09/30/25 15:57 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: Iggles Well Pad

Work Order: E510012

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: Iggles Well Pad
Workorder: E510012
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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:

Iggles Well Pad

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

Reported:

10/08/25 12:26

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS01-0' | E510012-01A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS03-0' | E510012-02A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS08-0' | E510012-03A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS13-0' | E510012-04A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS14-.5' | E510012-05A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS15-.5' | E510012-06A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS16-.5' | E510012-07A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS21-0' | E510012-08A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS22-0' | E510012-09A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS27-.5' | E510012-10A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS28-.5' | E510012-11A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS31-0' | E510012-12A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS32-0' | E510012-13A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS33-0' | E510012-14A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS37-.5' | E510012-15A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS38-.5' | E510012-16A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS40-0' | E510012-17A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS41-0' | E510012-18A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS42-0' | E510012-19A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS45-.5' | E510012-20A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS46-.5' | E510012-21A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS47-.5' | E510012-22A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS48-.5' | E510012-23A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS50-0' | E510012-24A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS51-.5' | E510012-25A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS52-0' | E510012-26A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS54-.5' | E510012-27A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS55-.5' | E510012-28A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS57-.5' | E510012-29A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS58-.5' | E510012-30A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS61-.5' | E510012-31A | Soil | 09/30/25 | 10/02/25 | Glass Jar, 2 oz. |
| FS60-.5' | E510012-32A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS01-0'

E510012-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 127 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | | | | | |
| | | 93.2 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 6110 | 100 | 5 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS03-0'

E510012-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/07/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/07/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/07/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/07/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/07/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/07/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 115 % | 70-130 | 10/02/25 | 10/07/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/07/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 94.2 % | 70-130 | 10/02/25 | 10/07/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | 94.9 | 25.0 | 1 | 10/02/25 | 10/02/25 | |
| Oil Range Organics (C28-C36) | 169 | 50.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: n-Nonane</i> | | 91.6 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 7880 | 100 | 5 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS08-0'

E510012-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 125 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | 90.7 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 4670 | 40.0 | 2 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS13-0'

E510012-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 127 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 103 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | 93.3 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 6550 | 100 | 5 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS14-.5'

E510012-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 100 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | | | | | |
| | | 92.7 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 11800 | 200 | 10 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS15-.5'

E510012-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 100 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | | | | | |
| | | 93.2 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 10600 | 200 | 10 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS16-.5'

E510012-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | 92.6 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 9270 | 200 | 10 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS21-0'

E510012-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | 150 | 25.0 | 1 | 10/02/25 | 10/02/25 | |
| Oil Range Organics (C28-C36) | 302 | 50.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: n-Nonane</i> | | 92.1 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 8590 | 200 | 10 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS22-0'

E510012-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 99.4 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | 49.4 | 25.0 | 1 | 10/02/25 | 10/02/25 | |
| Oil Range Organics (C28-C36) | 66.1 | 50.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: n-Nonane</i> | | 92.5 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 13000 | 200 | 10 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS27-.5'

E510012-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 125 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 99.7 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | | | | | |
| | | 91.7 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 3850 | 40.0 | 2 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS28-.5'

E510012-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 124 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | 93.0 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 6870 | 100 | 5 | 10/02/25 | 10/02/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS31-0'

E510012-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| 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> | | | | | | |
| | | 93.3 % | 61-141 | 10/02/25 | 10/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 3780 | 40.0 | 2 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS32-0'

E510012-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 125 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 94.3 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 3550 | 40.0 | 2 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS33-0'

E510012-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 92.5 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 1920 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS37-.5'

E510012-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 127 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 102 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 93.7 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 2950 | 40.0 | 2 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS38-.5'

E510012-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 126 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 102 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 92.7 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 6320 | 100 | 5 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS40-0'

E510012-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 127 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 102 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | 37.5 | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 94.0 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 8730 | 200 | 10 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS41-0'

E510012-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 127 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 103 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 93.0 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 6730 | 100 | 5 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS42-0'

E510012-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | 127 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 103 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | 174 | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 257 | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 90.4 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 8420 | 100 | 5 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS45-.5'

E510012-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| 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> | | | | | | |
| | | 128 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540103 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 102 % | 70-130 | 10/02/25 | 10/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 93.4 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540099 |
| Chloride | 2390 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS46-.5'

E510012-21

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 95.0 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 93.7 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.5 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 1260 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS47-.5'

E510012-22

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 93.0 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.8 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.3 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 145 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS48-.5'

E510012-23

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 95.3 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 93.4 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 99.4 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 1350 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS50-0'

E510012-24

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 92.9 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 93.0 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 97.9 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 1220 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS51-.5'

E510012-25

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 92.1 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.5 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 95.6 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 3100 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS52-.0'

E510012-26

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 91.6 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 95.2 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 97.2 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 8210 | 100 | 5 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS54-.5'

E510012-27

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 92.9 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.5 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.9 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 2690 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS55-.5'

E510012-28

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 90.2 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 95.2 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | 106 | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 149 | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 91.5 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 4180 | 40.0 | 2 | 10/02/25 | 10/03/25 | |

Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS57-.5'

E510012-29

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 90.1 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 95.0 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 101 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 614 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS58-.5'

E510012-30

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 89.0 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 94.8 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 94.6 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 493 | 20.0 | 1 | 10/02/25 | 10/03/25 | |



Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS61-.5'

E510012-31

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 89.6 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 93.5 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 87.3 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 144 | 20.0 | 1 | 10/02/25 | 10/03/25 | |

Sample Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

FS60-.5'

E510012-32

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Benzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| Toluene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/02/25 | 10/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 91.5 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2540094 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/02/25 | 10/02/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 95.3 % | 70-130 | 10/02/25 | 10/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2540090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/02/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/02/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.9 % | 61-141 | 10/02/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2540100 |
| Chloride | 325 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540094-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 | 7.33 | | 8.00 | | 91.6 | 70-130 | | | |

LCS (2540094-BS1)

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

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 3.75 | 0.0250 | 5.00 | | 75.0 | 70-130 | | | |
| Ethylbenzene | 3.63 | 0.0250 | 5.00 | | 72.6 | 70-130 | | | |
| Toluene | 3.69 | 0.0250 | 5.00 | | 73.8 | 70-130 | | | |
| o-Xylene | 3.70 | 0.0250 | 5.00 | | 74.1 | 70-130 | | | |
| p,m-Xylene | 7.40 | 0.0500 | 10.0 | | 74.0 | 70-130 | | | |
| Total Xylenes | 11.1 | 0.0250 | 15.0 | | 74.0 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.65 | | 8.00 | | 95.7 | 70-130 | | | |

Matrix Spike (2540094-MS1)

Source: E510012-23

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

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.29 | 0.0250 | 5.00 | ND | 85.8 | 70-130 | | | |
| Ethylbenzene | 4.15 | 0.0250 | 5.00 | ND | 83.0 | 70-130 | | | |
| Toluene | 4.22 | 0.0250 | 5.00 | ND | 84.5 | 70-130 | | | |
| o-Xylene | 4.23 | 0.0250 | 5.00 | ND | 84.6 | 70-130 | | | |
| p,m-Xylene | 8.42 | 0.0500 | 10.0 | ND | 84.2 | 70-130 | | | |
| Total Xylenes | 12.6 | 0.0250 | 15.0 | ND | 84.3 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.74 | | 8.00 | | 96.8 | 70-130 | | | |

Matrix Spike Dup (2540094-MSD1)

Source: E510012-23

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

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.80 | 0.0250 | 5.00 | ND | 96.0 | 70-130 | 11.3 | 27 | |
| Ethylbenzene | 4.68 | 0.0250 | 5.00 | ND | 93.7 | 70-130 | 12.1 | 26 | |
| Toluene | 4.75 | 0.0250 | 5.00 | ND | 95.0 | 70-130 | 11.8 | 20 | |
| o-Xylene | 4.72 | 0.0250 | 5.00 | ND | 94.4 | 70-130 | 11.0 | 25 | |
| p,m-Xylene | 9.48 | 0.0500 | 10.0 | ND | 94.8 | 70-130 | 11.8 | 23 | |
| Total Xylenes | 14.2 | 0.0250 | 15.0 | ND | 94.7 | 70-130 | 11.5 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.59 | | 8.00 | | 94.9 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540103-BLK1)

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 9.10 | | 8.00 | | 114 | 70-130 | | | |

LCS (2540103-BS1)

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.93 | 0.0250 | 5.00 | | 98.7 | 70-130 | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | | 99.3 | 70-130 | | | |
| Toluene | 4.92 | 0.0250 | 5.00 | | 98.5 | 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 | 9.16 | | 8.00 | | 115 | 70-130 | | | |

Matrix Spike (2540103-MS1)

Source: E510012-02

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|--|--|--|
| Benzene | 5.10 | 0.0250 | 5.00 | ND | 102 | 70-130 | | | |
| Ethylbenzene | 5.12 | 0.0250 | 5.00 | ND | 102 | 70-130 | | | |
| Toluene | 5.08 | 0.0250 | 5.00 | ND | 102 | 70-130 | | | |
| o-Xylene | 5.19 | 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 | 9.13 | | 8.00 | | 114 | 70-130 | | | |

Matrix Spike Dup (2540103-MSD1)

Source: E510012-02

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|-------|----|--|
| Benzene | 5.12 | 0.0250 | 5.00 | ND | 102 | 70-130 | 0.303 | 27 | |
| Ethylbenzene | 5.14 | 0.0250 | 5.00 | ND | 103 | 70-130 | 0.466 | 26 | |
| Toluene | 5.10 | 0.0250 | 5.00 | ND | 102 | 70-130 | 0.388 | 20 | |
| o-Xylene | 5.21 | 0.0250 | 5.00 | ND | 104 | 70-130 | 0.459 | 25 | |
| p,m-Xylene | 10.4 | 0.0500 | 10.0 | ND | 104 | 70-130 | 0.456 | 23 | |
| Total Xylenes | 15.6 | 0.0250 | 15.0 | ND | 104 | 70-130 | 0.457 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 9.02 | | 8.00 | | 113 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540094-BLK1)

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

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.38 | | 8.00 | | 92.3 | 70-130 | | | |

LCS (2540094-BS2)

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

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.3 | 20.0 | 50.0 | | 88.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.67 | | 8.00 | | 95.9 | 70-130 | | | |

Matrix Spike (2540094-MS2)

Source: E510012-23

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

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 50.4 | 20.0 | 50.0 | ND | 101 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 | | 8.00 | | 93.0 | 70-130 | | | |

Matrix Spike Dup (2540094-MSD2)

Source: E510012-23

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

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 51.9 | 20.0 | 50.0 | ND | 104 | 70-130 | 2.92 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.57 | | 8.00 | | 94.7 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540103-BLK1)

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.50 | | 8.00 | | 93.8 | 70-130 | | | |

LCS (2540103-BS2)

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 58.7 | 20.0 | 50.0 | | 117 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.64 | | 8.00 | | 95.5 | 70-130 | | | |

Matrix Spike (2540103-MS2)

Source: E510012-02

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 51.9 | 20.0 | 50.0 | ND | 104 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.58 | | 8.00 | | 94.8 | 70-130 | | | |

Matrix Spike Dup (2540103-MSD2)

Source: E510012-02

Prepared: 10/02/25 Analyzed: 10/07/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 55.8 | 20.0 | 50.0 | ND | 112 | 70-130 | 7.26 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.62 | | 8.00 | | 95.2 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540089-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 | 45.5 | | 50.0 | | 91.0 | 61-141 | | | |

LCS (2540089-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 226 | 25.0 | 250 | | 90.4 | 66-144 | | | |
| Surrogate: n-Nonane | 45.9 | | 50.0 | | 91.9 | 61-141 | | | |

Matrix Spike (2540089-MS1)

Source: E510012-02

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

| | | | | | | | | | |
|---------------------------------|------|------|------|------|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 356 | 25.0 | 250 | 94.9 | 105 | 56-156 | | | |
| Surrogate: n-Nonane | 48.3 | | 50.0 | | 96.6 | 61-141 | | | |

Matrix Spike Dup (2540089-MSD1)

Source: E510012-02

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

| | | | | | | | | | |
|---------------------------------|------|------|------|------|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 306 | 25.0 | 250 | 94.9 | 84.6 | 56-156 | 15.0 | 20 | |
| Surrogate: n-Nonane | 46.2 | | 50.0 | | 92.4 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540090-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: n-Nonane | 47.2 | | 50.0 | | 94.3 | 61-141 | | | |

LCS (2540090-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 247 | 25.0 | 250 | | 99.0 | 66-144 | | | |
| Surrogate: n-Nonane | 47.5 | | 50.0 | | 95.0 | 61-141 | | | |

Matrix Spike (2540090-MS1)

Source: E510005-03

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

| | | | | | | | | | |
|---------------------------------|------|------|------|------|-----|--------|--|--|----|
| Diesel Range Organics (C10-C28) | 5680 | 25.0 | 250 | 5980 | NR | 56-156 | | | M4 |
| Surrogate: n-Nonane | 67.5 | | 50.0 | | 135 | 61-141 | | | |

Matrix Spike Dup (2540090-MSD1)

Source: E510005-03

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

| | | | | | | | | | |
|---------------------------------|------|------|------|------|-----|--------|------|----|----|
| Diesel Range Organics (C10-C28) | 6670 | 25.0 | 250 | 5980 | 274 | 56-156 | 15.9 | 20 | M4 |
| Surrogate: n-Nonane | 72.7 | | 50.0 | | 145 | 61-141 | | | S5 |



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 (2540099-BLK1)

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

Chloride ND 20.0

LCS (2540099-BS1)

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

Chloride 253 20.0 250 101 90-110

Matrix Spike (2540099-MS1)

Source: E510012-06

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

Chloride 10600 200 250 10600 NR 80-120 M4

Matrix Spike Dup (2540099-MSD1)

Source: E510012-06

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

Chloride 10100 200 250 10600 NR 80-120 4.58 20 M4



QC Summary Data

| | | |
|---|---|--|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/8/2025 12:26:43PM |
|---|---|--|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540100-BLK1)

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

Chloride ND 20.0

LCS (2540100-BS1)

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

Chloride 251 20.0 250 100 90-110

Matrix Spike (2540100-MS1)

Source: E510012-25

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

Chloride 2940 20.0 250 3100 NR 80-120 M4

Matrix Spike Dup (2540100-MSD1)

Source: E510012-25

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

Chloride 3030 20.0 250 3100 NR 80-120 3.26 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/08/25 12:26 |
|---|---|------------------------------------|

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510012 | | 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 | | | | | | | | | | | | 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 | TEEQ 1005 - TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | |
| | | | | | | | | | | | | | | | | Compliance | Y | or | N |
| | | | | | | | | | | | | | | | | PWSID # | | | |
| | | | | | | | | | | | | | | | | Sample Temp | | | Remarks |
| 1505 | 9/30/2025 | S | 1 | FS01-0' | | 1 | | | | | | | | X | | 2.4 | | | |
| 1506 | 9/30/2025 | S | 1 | FS03-0' | | 2 | | | | | | | | X | | 2.0 | | | |
| 1519 | 9/30/2025 | S | 1 | FS08-0' | | 3 | | | | | | | | X | | 2.8 | | | |
| 1320 | 9/30/2025 | S | 1 | FS13-0' | | 4 | | | | | | | | X | | 3.1 | | | |
| 1620 | 9/30/2025 | S | 1 | FS14-.5' | | 5 | | | | | | | | X | | 3.0 | | | |
| 1622 | 9/30/2025 | S | 1 | FS15-.5' | | 6 | | | | | | | | X | | 3.2 | | | |
| 1623 | 9/30/2025 | S | 1 | FS16-.5' | | 7 | | | | | | | | X | | 3.4 | | | |
| 1341 | 9/30/2025 | S | 1 | FS21-0' | | 8 | | | | | | | | X | | 2.8 | | | |
| 1340 | 9/30/2025 | S | 1 | FS22-0' | | 9 | | | | | | | | X | | 2.0 | | | |
| 1424 | 9/30/2025 | S | 1 | FS27-.5' | | 10 | | | | | | | | X | | 2.2 | | | |
| 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. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N | | | | | | | |
| <i>Jarad McCauley</i> | | 10-1-25 | | 1010 | | <i>Michelle Gonzales</i> | | 10-1-25 | | 1010 | | | | | | | | | |
| <i>Michelle Gonzales</i> | | 10-1-25 | | 1445 | | <i>Marissa Gonzales</i> | | 10-1-25 | | 1445 | | | | | | | | | |
| <i>Marissa Gonzales</i> | | 10-1-25 | | 1900 | | <i>Andrew Musso</i> | | 10-1-25 | | 1900 | | | | | | | | | |
| <i>Andrew Musso</i> | | 10-1-25 | | 2345 | | <i>Carli Ann</i> | | 10-2-25 | | 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. | | | | | | | | | | | | | | | | | | | |

| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510012 | | 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/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCED 1005 - TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | | | |
| | | | | | | | | | | | | | | | | Compliance | Y | or | N | | |
| | | | | | | | | | | | | | | | | PWSID # | | | | | |
| | | | | | | | | | | | | | | | | Sample Temp | | | Remarks | | |
| 1423 | 9/30/2025 | S | 1 | FS28-.5' | | 11 | | | | | | | | X | | 2.0 | | | | | |
| 1552 | 9/30/2025 | S | 1 | FS31-0' | | 12 | | | | | | | | X | | 2.2 | | | | | |
| 1553 | 9/30/2025 | S | 1 | FS32-0' | | 13 | | | | | | | | X | | 1.6 | | | | | |
| 1555 | 9/30/2025 | S | 1 | FS33-0' | | 14 | | | | | | | | X | | 1.8 | | | | | |
| 1425 | 9/30/2025 | S | 1 | FS37-.5' | | 15 | | | | | | | | X | | 2.0 | | | | | |
| 1421 | 9/30/2025 | S | 1 | FS38-.5' | | 16 | | | | | | | | X | | 3.4 | | | | | |
| 1556 | 9/30/2025 | S | 1 | FS40-0' | | 17 | | | | | | | | X | | 3.6 | | | | | |
| 1550 | 9/30/2025 | S | 1 | FS41-0' | | 18 | | | | | | | | X | | 3.2 | | | | | |
| 1211 | 9/30/2025 | S | 1 | FS42-0 | | 19 | | | | | | | | X | | 2.0 | | | | | |
| 1016 | 9/30/2025 | S | 1 | FS45-.5' | | 20 | | | | | | | | X | | 2.0 | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jimcauley@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> | | 10-1-25 | | 1010 | | <i>Michelle Gonzales</i> | | 10-1-25 | | 1010 | | | | | | | | | | | |
| <i>Michelle Gonzales</i> | | 10-1-25 | | 1445 | | <i>Mariassa Gonzales</i> | | 10-1-25 | | 1445 | | | | | | | | | | | |
| <i>Mariassa Gonzales</i> | | 10-1-25 | | 1900 | | <i>Andrew Musso</i> | | 10-1-25 | | 1900 | | | | | | | | | | | |
| <i>Andrew Musso</i> | | 10-1-25 | | 2345 | | <i>Andrew Musso</i> | | 10-2-25 | | 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. | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--------------------------------------|--|--|--|---------------------|--|------------|--|------------|----|----|-----|--------------|----|----|----|
| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E010012 | | 23603 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 | |
| 1018 | 9/30/2025 | S | 1 | FS46-.5' | | 21 | | | | | | | | X | | 3.0 | | | | |
| 1020 | 9/30/2025 | S | 1 | FS47-.5' | | 22 | | | | | | | | X | | 3.1 | | | | |
| 1157 | 9/30/2025 | S | 1 | FS48-.5' | | 23 | | | | | | | | X | | 2.6 | | | | |
| 1151 | 9/30/2025 | S | 1 | FS50-0' | | 24 | | | | | | | | X | | 2.4 | | | | |
| 1202 | 9/30/2025 | S | 1 | FS51-.5' | | 25 | | | | | | | | X | | 2.0 | | | | |
| 1419 | 9/30/2025 | S | 1 | FS52-.0' | | 26 | | | | | | | | X | | 2.4 | | | | |
| 1012 | 9/30/2025 | S | 1 | FS54-.5 | | 27 | | | | | | | | X | | 3.4 | | | | |
| 1014 | 9/30/2025 | S | 1 | FS55-.5' | | 28 | | | | | | | | X | | 3.0 | | | | |
| 1159 | 9/30/2025 | S | 1 | FS57-.5' | | 29 | | | | | | | | X | | 2.8 | | | | |
| 1156 | 9/30/2025 | S | 1 | FS58-.5' | | 30 | | | | | | | | X | | 2.6 | | | | |

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, 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: <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: <input checked="" type="radio"/> Y <input type="radio"/> N | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>Jarad McCauley</i> | 10-1-25 | 1010 | <i>Michelle Gonzales</i> | 10-1-25 | 1010 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>Michelle Gonzales</i> | 10-1-25 | 1445 | <i>Mariassa Gonzales</i> | 10-1-25 | 1445 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>Mariassa Gonzales</i> | 10-1-25 | 1900 | <i>Andrew Musso</i> | 10-1-25 | 1900 | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | |
| <i>Andrew Musso</i> | 10-1-25 | 2345 | <i>Michelle Gonzales</i> | 10-2-25 | 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.

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--------------------------------------|--|--|--|---------------------|--|------------|--|------------|----|----|-----|--------------|----|----|----|
| 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: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510012 | | 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 | PCQ 1005 - TX | PCRA 8 Metals | BDOC - NM | BDOC - TX | SDWA | CWA | RCRA | |
| 1153 | 9/30/2025 | S | 1 | FS61-.5' | | 31 | | | | | | | | X | | | | | |
| 1208 | 9/30/2025 | S | 1 | FS60-.5' | | 32 | | | | | | | | X | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |

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>Jarad McCauley</i> | 10-1-25 | 1010 | <i>Michelle Gonzales</i> | 10-1-25 | 1010 | | | | | | |
| <i>Michelle Gonzales</i> | 10-1-25 | 1445 | <i>Marissa Gonzales</i> | 10-1-25 | 1445 | | | | | | |
| <i>Marissa Gonzales</i> | 10-1-25 | 1900 | <i>Andrew Musso</i> | 10-1-25 | 1900 | | | | | | |
| <i>Andrew Musso</i> | 10-1-25 | 2345 | <i>Carly Man</i> | 10-2-25 | 10:00 | | | | | | |
| 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: 10/2/2025 10:08:37AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | |
|---------------------------------|--------------------------------------|----------------------------|
| Client: Matador Resources, LLC. | Date Received: 10/02/25 08:00 | Work Order ID: E510012 |
| Phone: (972) 371-5200 | Date Logged In: 10/01/25 16:17 | 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: Iggles Well Pad

Work Order: E510026

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: Iggles Well Pad
Workorder: E510026
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 09:53 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS35-0' | E510026-01A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:53:01AM |
|---|---|---|

FS35-0'

E510026-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|-------------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | 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> | | | | | | |
| | 94.5 % | 70-130 | | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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> | | | | | | |
| | 95.7 % | 70-130 | | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2540123 | |
| Diesel Range Organics (C10-C28) | 430 | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 131 | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 93.3 % | 61-141 | | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2540117 | |
| Chloride | 2780 | 40.0 | 2 | 10/03/25 | 10/03/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:53:01AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:53:01AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:53:01AM |
|---|---|---|

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 (2540123-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 | 47.6 | | 50.0 | | 95.2 | 61-141 | | | |

LCS (2540123-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 222 | 25.0 | 250 | | 88.8 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 46.0 | | 50.0 | | 92.1 | 61-141 | | | |

Matrix Spike (2540123-MS1)

Source: E510020-13

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 223 | 25.0 | 250 | ND | 89.1 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 47.1 | | 50.0 | | 94.3 | 61-141 | | | |

Matrix Spike Dup (2540123-MSD1)

Source: E510020-13

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 221 | 25.0 | 250 | ND | 88.2 | 56-156 | 1.00 | 20 | |
| Surrogate: <i>n</i> -Nonane | 46.9 | | 50.0 | | 93.8 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:53:01AM |
|---|---|---|

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 (2540117-BLK1)

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

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2540117-BS1)

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

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 254 | 20.0 | 250 | | 102 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2540117-MS1)

Source: E510023-21

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

| | | | | | | | | | |
|----------|-----|------|-----|----|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 | ND | 101 | 80-120 | | | |
|----------|-----|------|-----|----|-----|--------|--|--|--|

Matrix Spike Dup (2540117-MSD1)

Source: E510023-21

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

| | | | | | | | | | |
|----------|-----|------|-----|----|-----|--------|-------|----|--|
| Chloride | 255 | 20.0 | 250 | ND | 102 | 80-120 | 0.871 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 09:53 |
|---|---|------------------------------------|

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: 10/3/2025 9:31:39AM

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: 10/03/25 07:00 Work Order ID: E510026
Phone: (972) 371-5200 Date Logged In: 10/02/25 15:16 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.

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: Iggles Well Pad

Work Order: E510027

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: Iggles Well Pad
Workorder: E510027
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 09:54 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS43-0' | E510027-01A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:54:05AM |
|---|---|---|

FS43-0'

E510027-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | 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> | | 95.4 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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> | | 96.8 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2540123 | |
| Diesel Range Organics (C10-C28) | 300 | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 379 | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 94.2 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2540117 | |
| Chloride | 415 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:54:05AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:54:05AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:54:05AM |
|---|---|---|

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 (2540123-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 | 47.6 | | 50.0 | | 95.2 | 61-141 | | | |

LCS (2540123-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 222 | 25.0 | 250 | | 88.8 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 46.0 | | 50.0 | | 92.1 | 61-141 | | | |

Matrix Spike (2540123-MS1)

Source: E510020-13

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 223 | 25.0 | 250 | ND | 89.1 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 47.1 | | 50.0 | | 94.3 | 61-141 | | | |

Matrix Spike Dup (2540123-MSD1)

Source: E510020-13

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 221 | 25.0 | 250 | ND | 88.2 | 56-156 | 1.00 | 20 | |
| Surrogate: <i>n</i> -Nonane | 46.9 | | 50.0 | | 93.8 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 9:54:05AM |
|---|---|---|

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 (2540117-BLK1)

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

Chloride ND 20.0

LCS (2540117-BS1)

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

Chloride 254 20.0 250 102 90-110

Matrix Spike (2540117-MS1)

Source: E510023-21

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

Chloride 253 20.0 250 ND 101 80-120

Matrix Spike Dup (2540117-MSD1)

Source: E510023-21

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

Chloride 255 20.0 250 ND 102 80-120 0.871 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 09:54 |
|---|---|------------------------------------|

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: 10/3/2025 9:32:38AM

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: E510027
Phone: (972) 371-5200 Date Logged In: 10/02/25 15:18 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.

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: Iggles Well Pad

Work Order: E510028

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: Iggles Well Pad
Workorder: E510028
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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| Chain of Custody etc. | 11 |

Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 08:26 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS44-0' | E510028-01A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:26:08AM |
|---|---|---|

FS44-0'

E510028-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | 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> | | 95.0 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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> | | 91.7 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2540123 | |
| Diesel Range Organics (C10-C28) | 179 | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 161 | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 93.4 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: TP | | Batch: 2540129 | |
| Chloride | 8140 | 100 | 5 | 10/06/25 | 10/06/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:26:08AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:26:08AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:26:08AM |
|---|---|---|

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 (2540123-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 | 47.6 | | 50.0 | | 95.2 | 61-141 | | | |

LCS (2540123-BS1)

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 222 | 25.0 | 250 | | 88.8 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 46.0 | | 50.0 | | 92.1 | 61-141 | | | |

Matrix Spike (2540123-MS1)

Source: E510020-13

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 223 | 25.0 | 250 | ND | 89.1 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 47.1 | | 50.0 | | 94.3 | 61-141 | | | |

Matrix Spike Dup (2540123-MSD1)

Source: E510020-13

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

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 221 | 25.0 | 250 | ND | 88.2 | 56-156 | 1.00 | 20 | |
| Surrogate: <i>n</i> -Nonane | 46.9 | | 50.0 | | 93.8 | 61-141 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:26:08AM |
|---|---|---|

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 (2540129-BLK1)

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2540129-BS1)

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2540129-MS1)

Source: E510029-02

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|-----|------|-----|------|-----|--------|--|--|--|
| Chloride | 286 | 20.0 | 250 | 33.3 | 101 | 80-120 | | | |
|----------|-----|------|-----|------|-----|--------|--|--|--|

Matrix Spike Dup (2540129-MSD1)

Source: E510029-02

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|-----|------|-----|------|-----|--------|-------|----|--|
| Chloride | 287 | 20.0 | 250 | 33.3 | 101 | 80-120 | 0.238 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 08:26 |
|---|---|------------------------------------|

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: 10/3/2025 9:34:04AM

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: E510028
Phone: (972) 371-5200 Date Logged In: 10/02/25 15:19 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.

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: Iggles Well Pad

Work Order: E510029

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: Iggles Well Pad
Workorder: E510029
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: Iggles Well Pad.

The analytical test results summarized in this report with the Project Name: Iggles Well Pad 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

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|---|------------------------------------|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 08:28 |
|---|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS02-0' | E510029-01A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS04-0' | E510029-02A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS05-0' | E510029-03A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS06-0.5' | E510029-04A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS07-0.5' | E510029-05A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS17-0.5' | E510029-06A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS23-0.5' | E510029-07A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS24-0.5' | E510029-08A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS25-0.5' | E510029-09A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS26-0.5' | E510029-10A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS29-0' | E510029-11A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS30-0' | E510029-12A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS34-0' | E510029-13A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS36-0.5' | E510029-14A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS53-0' | E510029-15A | Soil | 10/01/25 | 10/03/25 | Glass Jar, 2 oz. |
| FS59-0.5' | E510029-16A | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS02-0'

E510029-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2540133 | |
| 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> | | 100 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2540133 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 90.9 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2540124 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 99.4 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: TP | | Batch: 2540129 | |
| Chloride | 515 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS04-0'

E510029-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 100 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.6 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.3 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 33.3 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS05-0'

E510029-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 99.7 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.3 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 97.1 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 6800 | 100 | 5 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS06-0.5'

E510029-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 100 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.9 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.1 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 2770 | 40.0 | 2 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS07-0.5'

E510029-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 97.0 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.9 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.1 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 1550 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS17-0.5'

E510029-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|-------------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 99.9 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.5 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | 111 | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 146 | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.2 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 1240 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS23-0.5'

E510029-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 102 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.0 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | 49.1 | 25.0 | 1 | 10/03/25 | 10/03/25 | |
| Oil Range Organics (C28-C36) | 79.4 | 50.0 | 1 | 10/03/25 | 10/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.6 % | 61-141 | 10/03/25 | 10/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 5350 | 100 | 5 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS24-0.5'

E510029-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 99.2 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.3 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | 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> | | | | | | |
| | | 96.8 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 5840 | 100 | 5 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS25-0.5'

E510029-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 98.5 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.5 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | 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> | | | | | | |
| | | 96.6 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 1320 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS26-0.5'

E510029-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 100 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.8 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | 26.9 | 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> | | | | | | |
| | | 96.8 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 1980 | 40.0 | 2 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS29-0'

E510029-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | 100 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.3 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | 219 | 25.0 | 1 | 10/03/25 | 10/04/25 | |
| Oil Range Organics (C28-C36) | 324 | 50.0 | 1 | 10/03/25 | 10/04/25 | |
| <i>Surrogate: n-Nonane</i> | | 101 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 10900 | 200 | 10 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS30-0'

E510029-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 99.5 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | 135 | 25.0 | 1 | 10/03/25 | 10/04/25 | |
| Oil Range Organics (C28-C36) | 205 | 50.0 | 1 | 10/03/25 | 10/04/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.0 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 12700 | 200 | 10 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS34-0'

E510029-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 100 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.8 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2540124 |
| Diesel Range Organics (C10-C28) | 40.5 | 25.0 | 1 | 10/03/25 | 10/04/25 | |
| Oil Range Organics (C28-C36) | 60.0 | 50.0 | 1 | 10/03/25 | 10/04/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.9 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 4930 | 100 | 5 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS36-0.5'

E510029-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | 101 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 90.9 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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> | | 101 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 1090 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS53-0'

E510029-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | 98.8 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.0 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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> | | 99.1 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 6790 | 100 | 5 | 10/06/25 | 10/06/25 | |



Sample Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

FS59-0.5'

E510029-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| 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> | | | | | | |
| | | 99.2 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2540133 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/03/25 | 10/06/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 10/03/25 | 10/06/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | 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> | | | | | | |
| | | 103 % | 61-141 | 10/03/25 | 10/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2540129 |
| Chloride | 884 | 20.0 | 1 | 10/06/25 | 10/06/25 | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

Blank (2540133-BLK1)

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.33 | | 8.00 | | 91.6 | 70-130 | | | |

LCS (2540133-BS1)

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.66 | 0.0250 | 5.00 | | 93.2 | 70-130 | | | |
| Ethylbenzene | 4.63 | 0.0250 | 5.00 | | 92.6 | 70-130 | | | |
| Toluene | 4.63 | 0.0250 | 5.00 | | 92.6 | 70-130 | | | |
| o-Xylene | 4.57 | 0.0250 | 5.00 | | 91.4 | 70-130 | | | |
| p,m-Xylene | 9.36 | 0.0500 | 10.0 | | 93.6 | 70-130 | | | |
| Total Xylenes | 13.9 | 0.0250 | 15.0 | | 92.8 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.91 | | 8.00 | | 98.8 | 70-130 | | | |

Matrix Spike (2540133-MS1)

Source: E510029-05

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|--|--|--|
| Benzene | 5.28 | 0.0250 | 5.00 | ND | 106 | 70-130 | | | |
| Ethylbenzene | 5.25 | 0.0250 | 5.00 | ND | 105 | 70-130 | | | |
| Toluene | 5.25 | 0.0250 | 5.00 | ND | 105 | 70-130 | | | |
| o-Xylene | 5.21 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| p,m-Xylene | 10.6 | 0.0500 | 10.0 | ND | 106 | 70-130 | | | |
| Total Xylenes | 15.8 | 0.0250 | 15.0 | ND | 105 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.00 | | 8.00 | | 100 | 70-130 | | | |

Matrix Spike Dup (2540133-MSD1)

Source: E510029-05

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.71 | 0.0250 | 5.00 | ND | 114 | 70-130 | 7.79 | 27 | |
| Ethylbenzene | 5.69 | 0.0250 | 5.00 | ND | 114 | 70-130 | 8.06 | 26 | |
| Toluene | 5.68 | 0.0250 | 5.00 | ND | 114 | 70-130 | 7.98 | 20 | |
| o-Xylene | 5.64 | 0.0250 | 5.00 | ND | 113 | 70-130 | 8.08 | 25 | |
| p,m-Xylene | 11.5 | 0.0500 | 10.0 | ND | 115 | 70-130 | 8.00 | 23 | |
| Total Xylenes | 17.1 | 0.0250 | 15.0 | ND | 114 | 70-130 | 8.03 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.98 | | 8.00 | | 99.7 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2540133-BLK1)

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.26 | | 8.00 | | 90.7 | 70-130 | | | |

LCS (2540133-BS2)

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 57.8 | 20.0 | 50.0 | | 116 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42 | | 8.00 | | 92.7 | 70-130 | | | |

Matrix Spike (2540133-MS2)

Source: E510029-05

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 60.6 | 20.0 | 50.0 | ND | 121 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 | | 8.00 | | 93.0 | 70-130 | | | |

Matrix Spike Dup (2540133-MSD2)

Source: E510029-05

Prepared: 10/03/25 Analyzed: 10/06/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 57.3 | 20.0 | 50.0 | ND | 115 | 70-130 | 5.61 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.46 | | 8.00 | | 93.3 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|---|
| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | Project Name: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

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 (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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/9/2025 8:28:16AM |
|---|---|---|

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 (2540129-BLK1)

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2540129-BS1)

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
|----------|-----|------|-----|--|-----|--------|--|--|--|

Matrix Spike (2540129-MS1)

Source: E510029-02

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|-----|------|-----|------|-----|--------|--|--|--|
| Chloride | 286 | 20.0 | 250 | 33.3 | 101 | 80-120 | | | |
|----------|-----|------|-----|------|-----|--------|--|--|--|

Matrix Spike Dup (2540129-MSD1)

Source: E510029-02

Prepared: 10/06/25 Analyzed: 10/06/25

| | | | | | | | | | |
|----------|-----|------|-----|------|-----|--------|-------|----|--|
| Chloride | 287 | 20.0 | 250 | 33.3 | 101 | 80-120 | 0.238 | 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: Iggles Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo | Reported: 10/09/25 08:28 |
|---|---|------------------------------------|

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: Matador Production Company | | | | Company: Ensolum LLC | | | | Lab WO# | | Job Number | | 1D | 2D | 3D | Std | NM | CO | UT | TX |
| Project Name: Iggles Well Pad | | | | Address: 3122 National Parks Hwy | | | | E510029 | | 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/ORO 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 | | |
| 1154 | 10/1/2025 | S | 1 | FS02 - 0' | | 1 | | | | | | | | X | | | | | | |
| 1152 | 10/1/2025 | S | 1 | FS04 - 0' | | 2 | | | | | | | | X | | | | | | |
| 1154 | 10/1/2025 | S | 1 | FS05 - 0' | | 3 | | | | | | | | X | | | | | | |
| 955 | 10/1/2025 | S | 1 | FS06 - 0.5 | | 4 | | | | | | | | X | | | | | | |
| 957 | 10/1/2025 | S | 1 | FS07 - 0.5' | | 5 | | | | | | | | X | | | | | | |
| 959 | 10/1/2025 | S | 1 | FS17 - 0.5' | | 6 | | | | | | | | X | | | | | | |
| 1143 | 10/1/2025 | S | 1 | FS23 - 0.5' | | 7 | | | | | | | | X | | | | | | |
| 1147 | 10/1/2025 | S | 1 | FS24 - 0.5' | | 8 | | | | | | | | X | | | | | | |
| 1000 | 10/1/2025 | S | 1 | FS25 - 0.5' | | 9 | | | | | | | | X | | | | | | |
| 1149 | 10/1/2025 | S | 1 | FS26 - 0.5' | | 10 | | | | | | | | X | | | | | | |

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jimccauley@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: 10-1-25 | Time: 1000 | Received by: (Signature) <i>Michelle Gonzales</i> | Date: 10-2-25 | Time: 1000 | 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) <i>Michelle Gonzales</i> | Date: 10-2-25 | Time: 1500 | Received by: (Signature) <i>Mariassa Gonzales</i> | Date: 10-2-25 | Time: 1500 | |
| Relinquished by: (Signature) <i>Mariassa Gonzales</i> | Date: 10-2-25 | Time: 1900 | Received by: (Signature) <i>Andrew Musso</i> | Date: 10-2-25 | Time: 1900 | |
| Relinquished by: (Signature) <i>Andrew Musso</i> | Date: 10-2-25 | Time: 2330 | Received by: (Signature) <i>Caitlin Mar</i> | Date: 10-3-25 | Time: 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.

| | | | | | | | | | | | | | |
|--------------------------------------|--|--------------------------------------|--|---------------------|------------|------------|----|--------------|-----|----|----|----|----|
| 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: Iggles Well Pad | | Address: 3122 National Parks Hwy | | E510029 | 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 | | | Sample Temp | 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 | TCEQ 1005 - TX | RCRA 8 Metals | BGDOC - MM | BGDOC - TX | SDWA | CWA | | | RCRA | |
| 1300 | 10/1/2025 | S | 1 | FS29 - 0' | | 11 | | | | | | | | X | | | | | | 4.2 | |
| 1159 | 10/1/2025 | S | 1 | FS30 - 0' | | 12 | | | | | | | | X | | | | | | 4.9 | |
| 1306 | 10/1/2025 | S | 1 | FS34 - 0' | | 13 | | | | | | | | X | | | | | | 4.9 | |
| 1150 | 10/1/2025 | S | 1 | FS36 - 0.5' | | 14 | | | | | | | | X | | | | | | 4.4 | |
| 1009 | 10/1/2025 | S | 1 | FS53 - 0' | | 15 | | | | | | | | X | | | | | | 3.4 | |
| 1143 | 10/1/2025 | S | 1 | FS59 - 0.5' | | 16 | | | | | | | | X | | | | | | 3.8 | |

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, 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) <i>JM</i> | Date: 10-2-25 | Time: 1000 | Received by: (Signature) <i>Michelle Gonzales</i> | Date: 10-2-25 | Time: 1000 | 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: 10-2-25 | Time: 1500 | Received by: (Signature) <i>Marissa Gonzales</i> | Date: 10-2-25 | Time: 1500 | |
| Relinquished by: (Signature) <i>Marissa Gonzales</i> | Date: 10-2-25 | Time: 1900 | Received by: (Signature) <i>Andrew Musso</i> | Date: 10-2-25 | Time: 1900 | |
| Relinquished by: (Signature) <i>Andrew Musso</i> | Date: 10-2-25 | Time: 2330 | Received by: (Signature) <i>Caitlin Mann</i> | Date: 10-3-25 | 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.

Envirotech Analytical Laboratory

Printed: 10/3/2025 9:35:19AM

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: 10/03/25 07:00 Work Order ID: E510029
Phone: (972) 371-5200 Date Logged In: 10/02/25 15:20 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.

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.



APPENDIX E

NMOCD Correspondence

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 464966

QUESTIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 464966 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|---|-----------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | Iggles well Pad |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|--|------------------------|
| Incident Details | |
| <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 |

| | |
|---|--|
| Nature and Volume of Release | |
| <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 Flow Line - Injection Produced Water Released: 40 BBL Recovered: 10 BBL Lost: 30 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) | Equipment failure a 90 washed out during fracking operations. |

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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, Page 2

Action 464966

QUESTIONS (continued)

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 464966 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 464966

ACKNOWLEDGMENTS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 464966 |
| | 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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Santa Fe, NM 87505

CONDITIONS

Action 464966

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 464966 |
| | 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. | 5/20/2025 |

| | |
|--|----------------|
| Impacted Soil On-Pad | |
| Saturated Soil (inches) | |
| | 0.75 |
| Area (sq. ft.) | |
| | 13450 |
| Standing fluids | |
| inches of standing fluid | |
| | 0.25 |
| bbl estimate of standing fluids | |
| | |
| barrels recovered (if known) | |
| | 10 |
| Soil type | |
| | pad caliche |
| Spill type | |
| | produced water |
| Barrel estimate in soil | |
| | 29.9 |
| Barrel estimate (standing fluids/ recovered+in soil) | |
| | 39.9 |

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

QUESTIONS

Action 465100

QUESTIONS

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 465100 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|----------------------|------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Received |

| | |
|---|-----------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | Iggles well Pad |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|--|------------------------|
| Incident Details | |
| <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 |

| | |
|---|--|
| Nature and Volume of Release | |
| <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 Flow Line - Injection Produced Water Released: 40 BBL Recovered: 10 BBL Lost: 30 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) | Equipment failure a 90 washed out during fracking operations. |

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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 465100

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 465100 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|--|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| <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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 05/20/2025 |
|--|--|

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

QUESTIONS, Page 3

Action 465100

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 465100 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|----|
| Requesting a remediation plan approval with this submission | No |
| <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> | |

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 465100

CONDITIONS

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 465100 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells | None | 5/20/2025 |

From: [SLO Spills](#)
To: [Jason Touchet](#); [SLO Spills](#)
Cc: [Arsenio Jones](#); [Ashley Giovengo](#); [Chad Hamilton](#)
Subject: Spill Notification Receipt - Matador - Iggles Well Pad - SLO Notice of Release (nAPP2514028173) 05-19-2025
Date: Tuesday, May 20, 2025 5:03:20 PM
Attachments: [image002.png](#)
[image003.png](#)

[****EXTERNAL EMAIL****]

Thank you for notifying the NMSLO Environmental Compliance Office (ECO) of the release noted in the subject line above and the potential impact to State Trust Land. Please verify the lat/long information provided in the spill notification, as they don't line up with the pictures included in the email.

Once the release is stopped and contained, your cooperation in completing the subsequent remediation tasks is appreciated:

1. Identify compliance requirements for the Cultural Properties Protection (CPP) Rule.
2. Identify avoidance, minimization, or mitigation measures for impact to any biologically sensitive areas.
3. Apply for a Right of Entry (ROE) for Remediation if any part of the remediation occurs off of the active lease of the responsible party. A site delineation plan and reclamation plan are required for the ROE application. (<https://www.nmstatelands.org/resources/forms-and-applications/>)
4. If the remediation closure report is not submitted within 90 days of discovery of the release, a site delineation plan must be submitted to eco@nmslo.gov for review and approval. (If delineation and remediation happen concurrently, a remediation plan must be submitted to eco@nmslo.gov in place of a site delineation plan.)
5. Subsequent reports that must be submitted to ECO include:
 - **remediation plan;**
 - **reclamation plan, if applicable; or**
 - **remediation with reclamation plan;**
 - **remediation closure report; or**
 - **remediation closure report with reclamation activities report;**
 - **reclamation activities report;**
 - **final reclamation report, if applicable.**

SAMPLING NOTIFICATIONS

Written notification of the confirmation sampling event must be submitted to ECO a minimum of two (2) business days before the sampling event, or as directed by ECO. Please submit notifications

to eco@nmslo.gov with the subject line as follows: **(Sampling Notification) Company-Location Name (API/Incident #)-Date of Incident.**

NMSLO RESOURCES

- RIGHT OF ENTRY FORMS: Rights of Way Forms - <https://www.nmstatelands.org/resources/forms-and-applications/>
- ECO GUIDANCE DOCUMENTS: Environmental Compliance Office - <https://www.nmstatelands.org/resources/forms-and-applications/>
- LEASE STATUS MAP: <https://mapservice.nmstatelands.org/LandStatus/>
- NMSLO OIL & GAS MANUAL: https://www.nmstatelands.org/wp-content/uploads/2023/07/Oil-and-Gas-Manual-2023-_WEB.pdf
- NMSLO LEASE SEARCH: <https://secure.slo.state.nm.us/Applications/SLOConnect/>

CULTURAL PROPERTIES PROTECTION RULE (19.2.24 NMAC) FOR REMEDIATION AND RECLAMATION ACTIVITIES

- A.** As soon as possible, when a new release or damage occurs on STL, contact a Cultural Resource Consultant who will:
1. Conduct an Archaeological Records Management System (ARMS) review to determine if any known cultural properties have been previously identified within the remediation area and if the area has been surveyed for cultural resources.
 2. Advise as to whether an archaeological monitor should be present during initial containment activities and subsequent remediation efforts.
 3. Advise as to whether a full cultural properties survey will be required after containment and before full remediation.
- B.** A list of cultural resource consultants permitted to conduct work on state lands is maintained here: <https://www.nhistoricpreservation.org/programs/permits.html>.
- C.** To learn more about NMSLO's Cultural Properties Protection Rule visit: <https://www.nmstatelands.org/divisions/cultural-resources-office/culturalproperties/>. CRO can be contacted via email at croinfo@nmslo.gov or call 505-827-5781.

BIOLOGICAL COMPLIANCE & REPORTING

ECO recommends utilizing the resources below to determine if the site activities are occurring in a sensitive or restricted area. Also, when additional assistance is needed, ECO recommends consulting with a qualified third-party biologist for evaluation of potential impacts to threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, cave and karst features, and sensitive soils before conducting remediation and reclamation activities.

BIOLOGICAL COMPLIANCE RESOURCES

- New Mexico State Land Office Land Status Map <https://mapservice.nmstatelands.org/LandStatus>

- U.S. Fish and Wildlife Services [Information for Planning and Consultation:](https://ipac.ecosphere.fws.gov/)
<https://ipac.ecosphere.fws.gov/>
- BISON-M database: <https://bison-m.org/>
- New Mexico Department of Game and Fish Environmental Review Tool (ERT):
<https://nmert.org/content/map>
- Open Enviro Map Wetlands: <https://gis.web.env.nm.gov/oem/?map=wetlands>

Thank you for working with ECO and your efforts to protect State Trust Land.

Environmental Compliance Office

Surface Resources Division

eco@nmslo.gov

nmstatelands.org

.....

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From: Jason Touchet <jason.touchet@matadorresources.com>
Sent: Tuesday, May 20, 2025 9:17 AM
To: SLO Spills <spills@nmslo.gov>
Cc: Arsenio Jones <arsenio.jones@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com> <agiovengo@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: [EXTERNAL] Iggles Well Pad - SLO Notice of Release (nAPP2514028173) 05-19-2025

Greetings,

Please see the attached SLO Spill Notification Form for the release at the Iggles Well Pad. Please let me know if you have any additional questions.

Thanks,

Jason Touchet

EHS Specialist

Matador Resources Company

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

This message is strictly confidential and is for the sole use of the intended recipient. If you are not the intended recipient of this message, you may not disclose, print, copy, disseminate or otherwise use this message or the information included herein. If you are not the intended recipient, please reply and notify the sender (only) and promptly delete the message.

From: [Wells, Shelly, EMNRD](#)
To: [Chad Hamilton](#); [Velez, Nelson, EMNRD](#); [Rodgers, Scott, EMNRD](#); [Buchanan, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Cc: [Ashley Giovengo](#); [Jason Touchet](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Extension Request - Matador Production Company - Iggles Well Pad - nAPP2514028173
Date: Monday, August 18, 2025 2:34:39 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

[**EXTERNAL EMAIL**]

Good afternoon Chad,

A 90-day extension is approved for NAPP2514028173 IGGLES WELL PAD. A remediation plan or remediation closure report must be submitted to the OCD Permitting website no later than November 17, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Monday, August 18, 2025 1:44 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company - Iggles Well Pad - nAPP2514028173

CAUTION: This email originated outside of our organization. Exercise caution prior to

clicking on links or opening attachments.

Hello all,

Matador Production Company (Matador) is requesting an extension of the current deadline of August 18, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Iggles Well Pad (Site) (Incident Number nAPP2514028173). The release occurred on May 19, 2025, and 40 barrels (bbls) of produced water were released; 10 bbls of produced water were recovered. The release impacted an area on-pad approximately 13,580 square feet in size on State Trust Land managed by the New Mexico State Land Office (NMSLO). Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria was completed on August 11, 2025. Excavation of the subject matter release will begin once results from delineation soil sampling activities have been received. Matador intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Matador respectfully requests a 90-day extension until November 17, 2025. 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 

From: [SLO Spills](#)
To: [Chad Hamilton](#); [Jason Touchet](#)
Cc: [Arsenio Jones](#); [Ashley Giovengo](#)
Subject: RE: (Extension Request) Matador Production Company -Iggles Well Pad (nAPP2514028173) - 5/19/2025
Date: Thursday, August 21, 2025 12:41:25 PM
Attachments: [image004.png](#)
[image007.png](#)
[image008.png](#)
[image011.png](#)

[**EXTERNAL EMAIL**]

Thank you. Yes I remember this one now. ECO will honor NMOCD's extension approval. Please submit the remediation closure report to eco@nmslo.gov.

I'll update our records with the new due date

Tami C. Knight, CHMM
Senior Environmental Scientist
Environmental Compliance Office
Mobile: 505.670.1638
tknight@nmslo.gov
nmstatelands.org

In Field: August 22, 2025
NMSLO is closed September 1, 2025

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From: Chad Hamilton <chamilton@ensolum.com>
Sent: Thursday, August 21, 2025 12:39 PM
To: SLO Spills <spills@nmslo.gov>; Jason Touchet <jason.touchet@matadorresources.com>
Cc: Arsenio Jones <arsenio.jones@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com>
Subject: [EXTERNAL] RE: (Extension Request) Matador Production Company -Iggles Well Pad (nAPP2514028173) - 5/19/2025

Tami,

Apologies for the delayed response. Attached is a figure showing delineation sample locations, release extent, infrastructure, and the pad boundary. Let me know if you need anything else.

Thanks,

From: SLO Spills <spills@nmslo.gov>
Sent: Wednesday, August 20, 2025 10:52 AM
To: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Cc: Arsenio Jones <arsenio.jones@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com>
Subject: RE: (Extension Request) Matador Production Company -Iggles Well Pad (nAPP2514028173) - 5/19/2025

[**EXTERNAL EMAIL**]

Would you please send me a generic site map that shows the anticipated outline of the remediation excavation that is requested to be able to proceed without a workplan.

Tami

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Wednesday, August 20, 2025 10:21 AM
To: SLO Spills <spills@nmslo.gov>; Jason Touchet <jason.touchet@matadorresources.com>
Cc: Arsenio Jones <arsenio.jones@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com>
Subject: [EXTERNAL] RE: (Extension Request) Matador Production Company -Iggles Well Pad (nAPP2514028173) - 5/19/2025

Good morning, Tami,

Ensolum completed delineation soil sampling activities on August 11, 2025, and we are still waiting on laboratory analytical results. Once received, we will prepare a delineation soil sampling figure and SOW for excavation. We have not begun excavation of the subject matter release as of yet. Please let me know if you have any additional questions.

Thanks,
Chad Hamiton

From: SLO Spills <spills@nmslo.gov>
Sent: Wednesday, August 20, 2025 10:14 AM
To: Jason Touchet <jason.touchet@matadorresources.com>

Cc: Arsenio Jones <arsenio.jones@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: RE: (Extension Request) Matador Production Company -Iggles Well Pad (nAPP2514028173) - 5/19/2025

[EXTERNAL EMAIL**]**

Please submit a site map of existing excavation extents.

Tami C. Knight, CHMM
Senior Environmental Scientist
Environmental Compliance Office
Mobile: 505.670.1638
tknight@nmslo.gov
nmstatelands.org

NMSLO is closed September 1, 2025

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From: Jason Touchet <jason.touchet@matadorresources.com>
Sent: Tuesday, August 19, 2025 10:57 AM
To: SLO Spills <spills@nmslo.gov>
Cc: Arsenio Jones <arsenio.jones@matadorresources.com>; Ashley Giovengo <agiovengo@ensolum.com> <agiovengo@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: [EXTERNAL] (Extension Request) Matador Production Company -Iggles Well Pad (nAPP2514028173) - 5/19/2025

Greetings,

Matador Production Company would like approval to proceed with remediation on nAPP2514028173 (Iggles Well Pad). We have exceeded 90 days to submit closure; NMOCD has granted an extension for November 17,2025. Delineation was completed on August 11, 2025, pending laboratory analytical results. This release was entirely

contained on-pad on previously disturbed areas and therefore does not require Cultural Properties Protection (CPP) or biological survey. Any activities off pad will be reviewed for compliance with the CPP rule and verify no biologically sensitive areas will be affected by off pad activities. We have attached the Remediation Closure Extension Request. Please Let me know if you have any questions.

Thanks,

Jason Touchet

EHS Specialist

Matador Resources Company

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

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From: [Wells, Shelly, EMNRD](#)
To: [Ashley Giovengo](#)
Cc: [Chad Hamilton](#); [Jason Touchet](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Iggles Well Pad - Incident Number nAPP2514028173
Date: Thursday, August 21, 2025 2:18:41 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Good afternoon Ashley,

Your request for a confirmation sample variance to collect bottom confirmation samples every 400 ft² and sidewall samples every 200 ft² is approved. Please include a copy of this and all notifications in the remedial and/or closure report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Thursday, August 21, 2025 9:02 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: [EXTERNAL] Confirmation Sampling Variance - Iggles Well Pad - Incident Number nAPP2514028173

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

Hello,

Matador Production Company (Matador) is requesting a confirmation sampling variance at the Iggles Well Pad (Site). On May 19, 2025, a flowline resulted in the release of approximately 40 barrels (bbls) of produced water onto the caliche pad; 10 bbls of produced water were recovered from the release area. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on May 20, 2025, and subsequently the release was assigned (Incident Number nAPP2514028173). The release impacted an area approximately 23,684 square feet (sq. ft.) in size on State Trust Land managed by the New Mexico State Land Office (NMSLO); the entire release remained on-pad. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, L-02499-POD3, located 1,457 feet southeast of the Site. The well had a reported depth to groundwater of 121 feet below ground surface (bgs) and a total depth of 180 feet bgs. A desktop review for potential site receptors has been completed for this Site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 1,392.1 feet southeast of the Site. The closest wetland is located approximately 891 feet southeast of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride.

Ensolum completed lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I (see Table 1 and Table 1-CONT'D) on August 11, 2025. Matador would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Matador is scheduled to begin confirmation soil sampling activities at the Site on September 01, 2025, and intends to remove any impacts that exceed the Site Closure Criteria via mechanical equipment. Matador will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 101 ft bgs, Matador believes this *variance request* will provide equal or better protection of public health, the environment. Matador respectfully requests approval for this *variance request* associated with Incident Number (nAPP2514028173).

Thanks,



Ashley Giovengo

Associate Principal

575-988-0055

Ensolum, LLC

in f X

“Your authenticity is your superpower.” – Unknown

From: [Chad Hamilton](#)
To: eco@slo.state.nm.us
Cc: [Jason Touchet](#); [Ashley Giovengo](#)
Subject: (2-day Sample Notification) Matador Production Company - Iggles Well Pad (nAPP2514028173) 05-19-2025
Date: Tuesday, September 23, 2025 7:36:56 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Greetings,

Matador Production Company (Matador) is submitting a 2-day confirmation sampling notification for the Iggles Well Pad (Site) (nAPP2514028173). Confirmation soil sampling will take place beginning on Thursday September 25, 2025, and continue through Wednesday October 1, 2025. An Ensolum representative will be onsite to conduct sampling by 09:00 AM MST. The Site is in Unit O, Section 21, Township 18S, Range 34E (32.72718,-103.56113). Please let me know if you have any additional questions.

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 508123

QUESTIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508123 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|-----------------|
| Location of Release Source | |
| Site Name | IGGLES WELL PAD |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|---|----------------------------------|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 23,693 |
| What is the estimated number of samples that will be gathered | 80 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 09/25/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jarad McCauley @ (5413) 270-1244 |
| Please provide any information necessary for navigation to sampling site | 32.72718,-103.56113 |

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 508123

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508123 |
| | 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. | 9/22/2025 |
| 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. | 9/22/2025 |

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 508446

QUESTIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508446 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|-----------------|
| Location of Release Source | |
| Site Name | IGGLES WELL PAD |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|---|----------------------------------|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 23,693 |
| What is the estimated number of samples that will be gathered | 80 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/01/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jarad McCauley @ (5413) 270-1244 |
| Please provide any information necessary for navigation to sampling site | 32.72718,-103.56113 |

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Phone: (505) 476-3441

General Information
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 508446

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508446 |
| | 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. | 9/23/2025 |
| 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. | 9/23/2025 |

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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 508436

QUESTIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508436 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|-----------------|
| Location of Release Source | |
| Site Name | IGGLES WELL PAD |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|---|----------------------------------|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 23,693 |
| What is the estimated number of samples that will be gathered | 80 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 09/26/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jarad McCauley @ (5413) 270-1244 |
| Please provide any information necessary for navigation to sampling site | 32.72718,-103.56113 |

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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 508436

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508436 |
| | 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. | 9/23/2025 |
| 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. | 9/23/2025 |

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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 508442

QUESTIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508442 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|-----------------|
| Location of Release Source | |
| Site Name | IGGLES WELL PAD |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|---|----------------------------------|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 23,693 |
| What is the estimated number of samples that will be gathered | 80 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 09/29/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jarad McCauley @ (5413) 270-1244 |
| Please provide any information necessary for navigation to sampling site | 32.72718,-103.56113 |

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

CONDITIONS

Action 508442

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508442 |
| | 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. | 9/23/2025 |
| 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. | 9/23/2025 |

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 508444

QUESTIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508444 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|-----------------|
| Location of Release Source | |
| Site Name | IGGLES WELL PAD |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|---|----------------------------------|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 23,693 |
| What is the estimated number of samples that will be gathered | 80 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 09/30/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jarad McCauley @ (5413) 270-1244 |
| Please provide any information necessary for navigation to sampling site | 32.72718,-103.56113 |

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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 508444

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 508444 |
| | 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. | 9/23/2025 |
| 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. | 9/23/2025 |

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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 536210

QUESTIONS

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2514028173 |
| Incident Name | NAPP2514028173 IGGLES WELL PAD @ O-21-18S-34E |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |

| | |
|---|-----------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | IGGLES WELL PAD |
| Date Release Discovered | 05/19/2025 |
| Surface Owner | State |

| | |
|--|------------------------|
| Incident Details | |
| <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 |

| | |
|---|--|
| Nature and Volume of Release | |
| <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 Flow Line - Injection Produced Water Released: 40 BBL Recovered: 10 BBL Lost: 30 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) | Equipment failure a 90 washed out during fracking operations. |

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1220 S. St Francis Dr.
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QUESTIONS, Page 2

Action 536210

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 12/18/2025 |
|--|--|

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Phone: (505) 476-3441

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

QUESTIONS, Page 3

Action 536210

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | 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 |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 500 and 1000 (ft.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between ½ and 1 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1000 (ft.) and ½ (mi.) |
| Any other fresh water well or spring | Between 1000 (ft.) and ½ (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| 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 | No |

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|-----|
| Requesting a remediation plan approval with this submission | Yes |
| <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) | 19100 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 7600 |
| GRO+DRO (EPA SW-846 Method 8015M) | 3450 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

| | |
|---|------------|
| On what estimated date will the remediation commence | 09/25/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 12/10/2025 |
| On what date will (or was) the remediation complete(d) | 10/01/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 1200 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 7 |
| What is the estimated surface area (in square feet) that will be remediated | 24319 |
| What is the estimated volume (in cubic yards) that will be remediated | 250 |

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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 4

Action 536210

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

| | |
|---|---------------|
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | Not answered. |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Yes |
| What is the name of the NMED facility | Lea Land LLC |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 12/18/2025 |
|--|--|

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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Energy, Minerals and Natural Resources
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QUESTIONS, Page 5

Action 536210

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|---|----|
| Deferral Requests Only | |
| <i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS, Page 6

Action 536210

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 531277 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 12/10/2025 |
| What was the (estimated) number of samples that were to be gathered | 3 |
| What was the sampling surface area in square feet | 833 |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

| | |
|--|-------|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 24319 |
| What was the total volume (cubic yards) remediated | 250 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 1200 |
| What was the total volume (in cubic yards) reclaimed | 7 |

| | |
|---|---|
| Summarize any additional remediation activities not included by answers (above) | "The release extent has been laterally defined in accordance with the strictest Closure Criteria by delineation soil samples SS01, SS02 through SS04, SS05C, SS06, and SS07, collected at ground surface, and vertically by boreholes BH01 through BH05, collected at depths ranging from ground surface to 5 feet bgs. Confirmation floor samples FS01 through FS61 and confirmation sidewall soil samples SW01 and SW02, collected at depths ranging from ground surface to 1-foot bgs, were all in compliance with the Site Closure Criteria. Based on the remedial actions completed to date, Matador believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2514028173. " |
|---|---|

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 12/18/2025 |
|--|--|

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, Page 7

Action 536210

QUESTIONS (continued)

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|----|
| Reclamation Report | |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i> | |
| Requesting a reclamation approval with this submission | No |

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

CONDITIONS

Action 536210

CONDITIONS

| | |
|---|---|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 536210 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells | None | 12/30/2025 |