

Sampling Summary and Closure Request

Matador Resources Company
Tom Matthews 10 24S 28E RB #203H
Eddy County, New Mexico
Unit Letter "I", Section 9, Township 24 South, Range 28 East
Latitude 32.229633 North, Longitude 104.083420 West
NMOCD Incident # NAB1805132291

Prepared For:

Matador Resources Company 5400 LBJ Freeway Ste 1500 Dallas, TX 75240

Prepared By:

Hungry Horse, LLC 4024 Plains Hwy Lovington, NM 88260 Office: (575) 393-3386

June 2025

Daniel Dominguez
Environmental Director
ddominguez@hungry-horse.com

Table Of Contents

Background	1
NMOCD Site Classification	1
Sampling Activities	2
Sampling Procedure and Identification	2
Restoration, Reclamation, and Re-Vegetation	2
Closure Request	3
Limitations	3
Distribution	4

Figures

Figure 1 – Topographic Map

Figure 2 – OSE POD Locations Map

Figure 3 – USGS Well Locations Map

Figure 4 – Closure Sample Map

Tables

Table 1 – Summary of Soil Sample Laboratory Analytical Results

Attachments

Attachment I – Karst Map

Attachment II – Depth to Groundwater

Attachment III – NMOCD Correspondence

Attachment IV – Site Photographs

Attachment V – Laboratory Analytical Reports



The following *Sampling Summary and Closure Request* serves as a condensed update on field activities undertaken at the afore referenced Site.

Background:

The site is located in Unit Letter I (NE/SE), Section 9, Township 24 South, Range 28 East, approximately one mile Northwest of Malaga, in Eddy County, New Mexico. The property is located on Private Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active production pad; Latitude 32.229633 North, Longitude 104.083420 West. The NMOCD Form C-141 indicates that on January 31, 2018, approximately one hundred ninety-three bbls of produced water were released due to transfer pump failure. Approximately forty-five bbls of produced water were recovered via vacuum truck. The release was subsequently remediated according to an approved work plan which was submitted in March, 2018. OCD approval of submitted work plan was granted on April 19, 2018.

In 2018, Matador contracted PMI to remediate the release at the Tom Matthews facility. In May 2018, the release area was excavated, sampled, and backfilled. In 2023 a deferral request was submitted to the OCD by PMI. Deferral was not granted at that time. In 2024, Matador contracted Talon LPE requesting a review of the unresolved 2018 release at the Tom Matthews facility. In February and April 2024, the remediated area was sampled, and a second deferral request was submitted to the OCD in July 2024. Deferral was not granted at that time. C correspondence is avai a e on the C ermittin orta.

NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is located in a medium Karst designated area. Depth to groundwater information is provided as Attachment III and the results are depicted on Figures 2 and 3.

Four water wells were located within a half mile of the release area, each with groundwater depth listed as less than 50 feet bgs. Also, as the site is located in a medium Karst designated area, the site was sampled according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	stituent Method					
	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg				
.50/	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg				
<50'	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg				
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg				



Sampling Activities:

In March 2025, Matador contracted Hungry Horse requesting a review of the unresolved 2018 release at the Tom Matthews facility. After review of the remediation activities and deferral denials, Hungry Horse submitted a sampling map and plan to the OCD representative for approval. On May 30, 2025, the sampling plan was approved. Correspondence is provided as Attachment II.

On June 2, 2025, Hungry Horse notified OCD that closure sampling would occur at the Tom Matthews location on June 4 - 6, 2025. Correspondence is provided as Attachment II.

On June 4 - 6, 2025, Hungry Horse conducted closure sampling of the remediated area. During sampling activities, twenty-three hand augured test bores were advanced throughout the affected area in an effort to determine the vertical extent of contamination, if any. Soil samples were collected from each sample location at the surface and then at one-foot intervals through four feet bgs. Soil samples were also collected at sample locations SW3 and BG3, at the surface and then at one-foot intervals through four feet bgs, per OCD request.

Soil samples were then submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

A Closure Sample Map is provided as Figure 4. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment V.

Sampling Procedure and Identification:

During closure sampling, soil samples were collected from the release area per the OCD approved sampling plan. Soil samples were collected from each sample location at the surface and then at one-foot intervals through four feet bgs. Soil samples were also collected at sample location SW3 and BG3, at the surface and then at one-foot intervals through four feet bgs, per OCD request. Soil samples were jarred, iced, and delivered to the laboratory for analysis of BTEX, TPH, and chloride.

Sampling activities were photographed and sample locations marked with white pin flags. Photographs are provided in Attachment IV; however, the white pin flags are unfortunately not very visible against the caliche production pad. The sample locations are also identifiable by the disturbed soil caused by the action of the hand auger. Each sample location was backfilled with the augured material after the requisite samples were collected and jarred.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, no excavation activities will be required. Each sample location was backfilled with the augured material after the requisite samples were collected and jarred. As the release occurred on an active production pad, no seeding will be required.



Closure Request:

Sampling activities were conducted in accordance with applicable NMOCD Regulations and approved sampling plan. Laboratory analytical results from closure confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results, Matador Resources Company respectfully requests closure of the Tom Matthews 10 24S 28E RB #203H location, NAB1805132291.

Limitations:

Hungry Horse, LLC, has prepared this *Sampling Summary and Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Hungry Horse has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Hungry Horse has not conducted an independent examination of the facts contained in referenced materials and statements. Hungry Horse has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Hungry Horse notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.



Distribution:

Matador Resources Company

5400 LBJ Freeway Ste 1500 Dallas, TX 75240

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2 811 S. First St. Artesia, NM 88210

Figures

Received by OCD: 7/7/2025 9:07:55 AM Page 9 of 250

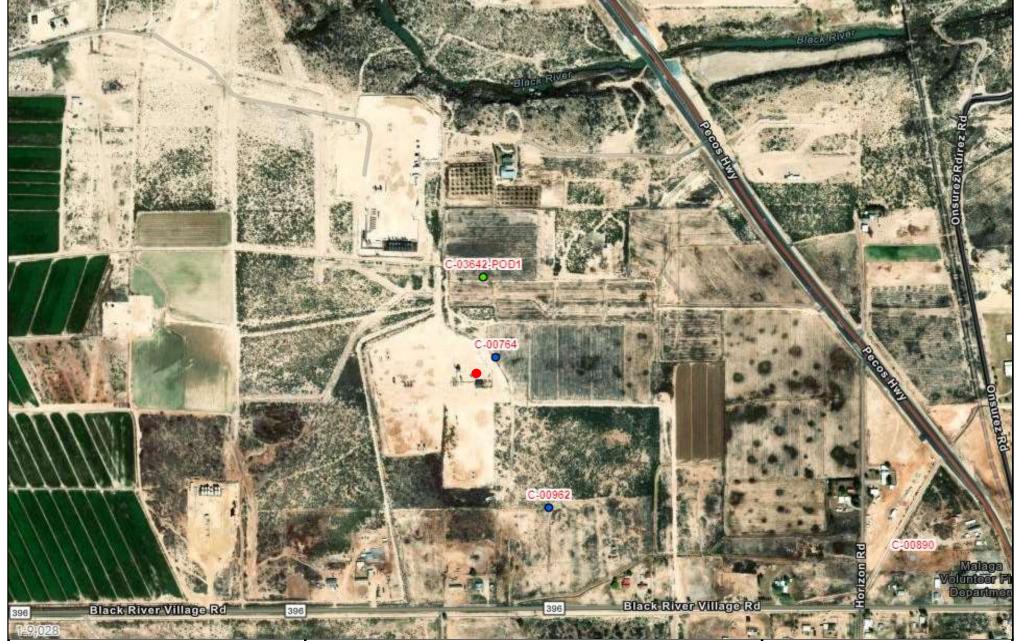


Figure 2

OSE POD Locations Map Matador Resources Company Tom Matthews 10 24S 28E RB #203H GPS: 32.229633, -104.08342 Eddy County

Legend:

- Tom Matthews 10 24S 28E RB #203H Location
- Active OSE Water Well
- Pending OSE Water Well



Drafted:

Date:

Checked: jh

6/5/25

Received by OCD: 7/7/2025 9:07:55 AM Page 10 of 250



Figure 3

USGS Well Locations Map Matador Resources Company Tom Matthews 10 24S 28E RB #203H GPS: 32.229633, -104.08342 Eddy County

Legend:

- Tom Matthews 10 24S 28E RB #203H Location
- USGS Well Location

TH ENVIRONMENTAL & CONS

Drafted: dd Checked: jh

Date: 6/5/25

Closure Sample Map **Matador Resources Company** Tom Matthews 10 24S 28E RB #203H GPS: 32.229633, -104.08342 **Eddy County**

Approximate Release Area SMA Background Sample Approximate Location Circa 2018

SP1

Closure Sample Locations - Sampling Surface through Four feet Deep

Drafted: 6/6/25

Checked: jh

Date:

Table

NMOCD Ref. #: NAB1805132291

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
	6/4/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/4/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	287
BG3	6/4/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/4/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	322
	6/4/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/4/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	251
	6/4/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
SW3	6/4/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	310
	6/4/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	231
	6/4/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	237
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
SP1	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	281
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	209
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
SP2	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	313
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
SP3	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	265
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	325
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	314
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	429
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	247
SP4	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	361
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	353
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	451
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	215
SP5	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	393
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	328
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	371
NMOCD (Closure Crite	ria		10	50	-	-	N/A	-	100	600

NOTES:

NMOCD Ref. #: NAB1805132291

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	303
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	413
SP6	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	371
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	363
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	407
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	469
SP7	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	204
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	354
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	580
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	338
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	474
SP8	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	564
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	409
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	309
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	339
SP9	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	258
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	413
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	335
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	366
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	453
SP10	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	410
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	413
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	362
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	332
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	427
SP11	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	273
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	319
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	421
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	406
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	315
SP12	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	218
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	332
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	314
NMOCD (Closure Crite	ria		10	50	-	-	N/A	-	100	600

NOTES:

^{- =} Sample not analyzed for that constituent.

NMOCD Ref. #: NAB1805132291

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	417
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	259
SP13	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	268
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
SP14	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	226
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	195
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SP15	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	139
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	187
	6/5/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	349
	6/5/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	141
SP16	6/5/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	300
	6/5/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	322
	6/5/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	263
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	323
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	345
SP17	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	411
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	307
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	289
SP18	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	301
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	373
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	406
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	122
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	239
SP19	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	259
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	171
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	392
NMOCD (Closure Crite	ria		10	50	-	-	N/A	-	100	600

NOTES:

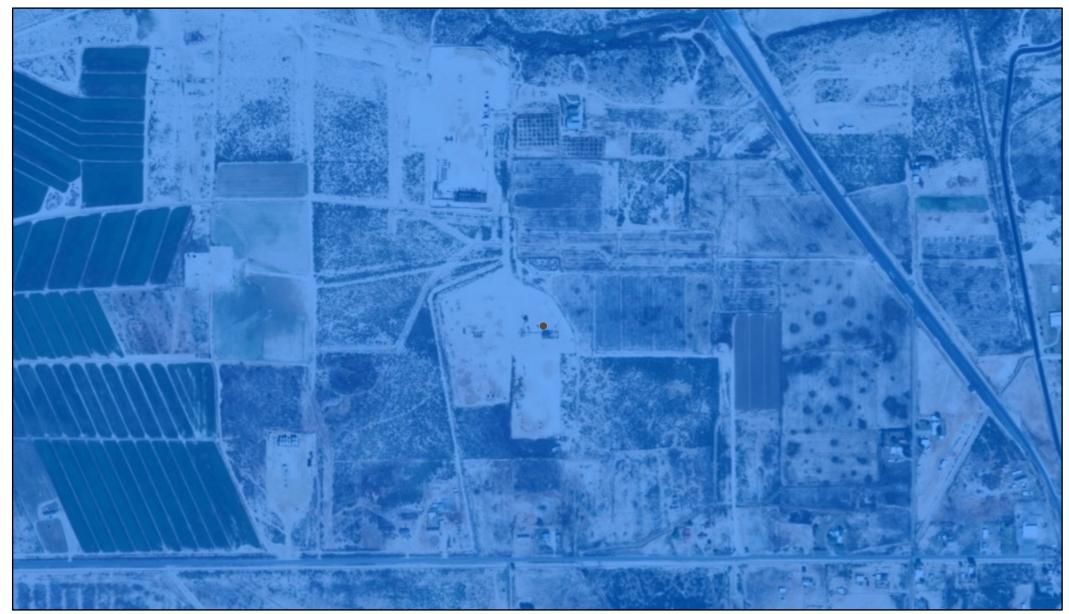
NMOCD Ref. #: NAB1805132291

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	149
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	143
SP20	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	138
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	211
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	427
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	152
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	110
SP21	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	170
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	257
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	228
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	229
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	150
SP22	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	178
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	346
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/6/25	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/6/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
SP23	6/6/25	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/6/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
	6/6/25	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	ND
NMOCD (NMOCD Closure Criteria				50	-	-	N/A	-	100	600

NOTES:

Attachment I Karst Map

Tom Matthews 10 24S 28E RB #203H



6/6/2025, 2:48:27 PM Karst Occurrence Potential





Attachment II NMOCD Correspondence

Daniel Dominguez

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Friday, May 30, 2025 11:12 AM

To: Daniel Dominguez
Cc: Jason Touchet

Subject: RE: [EXTERNAL] Tom Matthews Sampling Map

Good morning Daniel,

The proposed sampling plan is approved.

Have a great weekend,

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: Daniel Dominguez <ddominguez@hungry-horse.com>

Sent: Thursday, May 29, 2025 2:47 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov> **Cc:** Jason Touchet <jason.touchet@matadorresources.com>

Subject: [EXTERNAL] Tom Matthews Sampling Map

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

Shelly,

Attached for your review is the proposed sampling map for the Tom Matthews location.

As you requested the release area will be sampled from surface through four feet deep to ensure remediation was complete. Is this enough sample locations to get the area covered? This is 23 sample locations within the release area with two more outside the release area at SW3 and BG3. You requested these additional locations as SW3 was still over OCD closure standards and BG3 was never properly identified on a map or properly delineated. I picked a spot roughly between BG2 and BG4 to collect the sample. This will be a total of 125 samples collected and sent to the lab for analysis of BTEX, TPH, and chloride. We will also notify the OCD 48 hrs in advance and photo document the sampling event.

Let me know if you need any more info or would like any changes.

Daniel Dominguez Environmental Director Hungry Horse, LLC (m) 575-408-3134 ddominguez@hungry-horse.com 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 469961

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469961
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1805132291
Incident Name	NAB1805132291 TOM MATTHEWS 10 24S 28E RB #203H @ 30-015-44561
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-44561] TOM MATTHEWS 10 24S 28E RB #203H

Location of Release Source					
Site Name	TOM MATTHEWS 10 24S 28E RB #203H				
Date Release Discovered	01/31/2018				
Surface Owner	Private				

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	20,000
What is the estimated number of samples that will be gathered	125
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/04/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.229633, -104.083420

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 469961

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469961
	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.	6/2/2025

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 469968

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469968
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1805132291
Incident Name	NAB1805132291 TOM MATTHEWS 10 24S 28E RB #203H @ 30-015-44561
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-44561] TOM MATTHEWS 10 24S 28E RB #203H

ocation of Release Source	
Site Name	TOM MATTHEWS 10 24S 28E RB #203H
Date Release Discovered	01/31/2018
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	20,000
What is the estimated number of samples that will be gathered	125
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/05/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.229633, -104.083420

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 469968

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469968
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By		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.		6/2/2025

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 469969

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469969
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1805132291
Incident Name	NAB1805132291 TOM MATTHEWS 10 24S 28E RB #203H @ 30-015-44561
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-44561] TOM MATTHEWS 10 24S 28E RB #203H

ocation of Release Source	
Site Name	TOM MATTHEWS 10 24S 28E RB #203H
Date Release Discovered	01/31/2018
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	20,000
What is the estimated number of samples that will be gathered	125
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/06/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.229633, -104.083420

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 469969

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469969
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By		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.		6/2/2025

Attachment III Depth to Groundwater



New Mexico Office of the State Engineer Wells With Well Log Information

(A CLW##### in the POD suffix indicates the POD has

file.)

been (R=POD has replaced & been

no longer replaced, serves a O=orphaned, water right C=the file is

C=the file is closed)

(quarters are 1=NW 2=NE

3=SW 4=SE) (quarters are

smallest to largest)

(NAD83 UTM in meters) (meters)

(in feet)

POD Number	Code	Sub basin	County	Source (Q64 Q1	6 Q4 Sec	Tws	Range	x	Y	Distance	Start Date	Finish Date	Log File Date	Borehole Depth	Depth Water First Encountered		License Number
<u>C 00764</u>		CUB	ED	Shallow S	SW NW	SW 10	24S	28E	586399.0	3566292.0 * •	51	1957-05-15	1957-05-25	1958-10-16	118	25	W.C. MOORE	
<u>C 00962</u>		С	ED	Shallow	SW	SW 10	24S	28E	586505.0	3565992.0 *	302	1960-10-07	1960-10-08	1960-10-24	63	9	BARRON, EMMETT	30
<u>C 02836</u>		С	ED	Shallow N	NE NE	NE 16	24S	28E	586203.0	3565676.0 * •	602	2001-08-04	2001-08-07	2001-10-04		15		1348

Record Count: 3

UTM Filters (in meters):

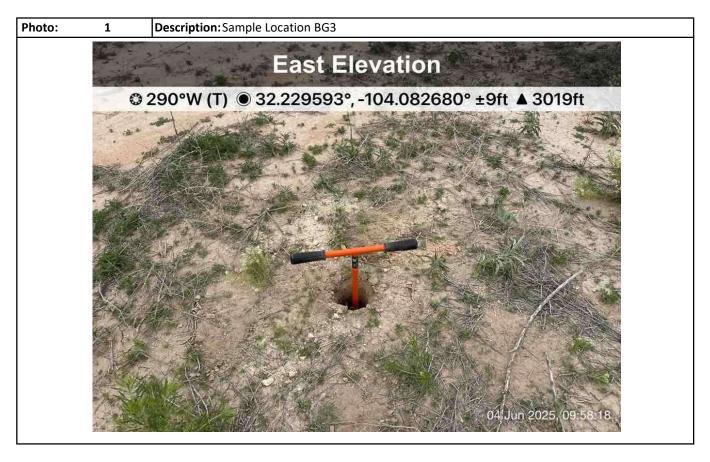
Easting: 586361.05 **Northing:** 3566257.62

Radius: 805

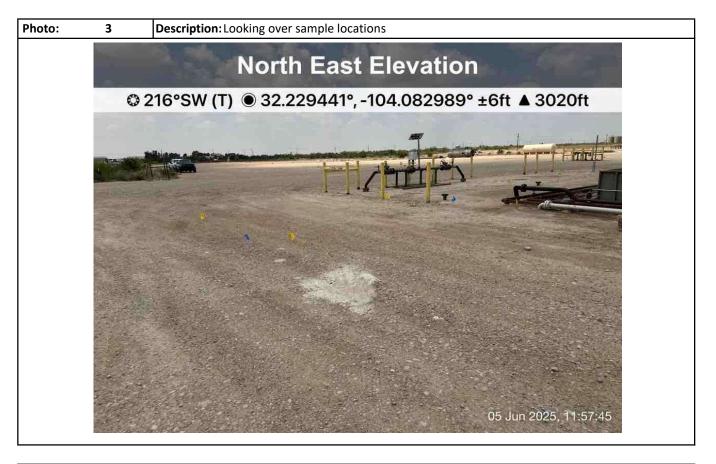
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

^{*} UTM location was derived from PLSS - see Help

Attachment IV Site Photographs



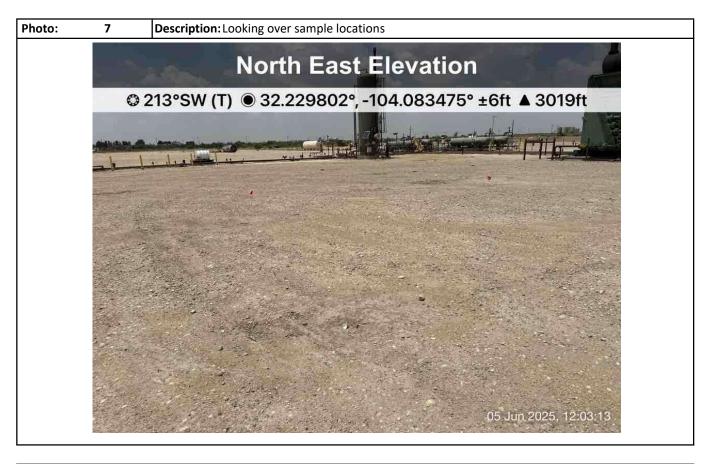










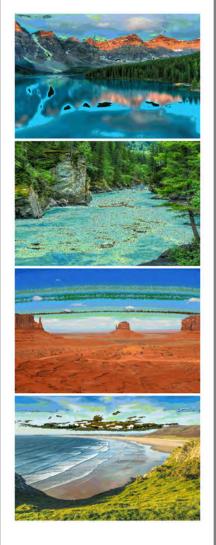




Attachment V Laboratory Analytical Reports

Report to:

Daniel Dominguez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB

#203H

Work Order: E506053

Job Number: 23502-0001

Received: 6/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/12/25

Daniel Dominguez 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Tom Matthews 10 24S 28E RB #203H

Workorder: E506053

Date Received: 6/7/2025 10:00:25AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2025 10:00:25AM, under the Project Name: Tom Matthews 10 24S 28E RB #203H.

The analytical test results summarized in this report with the Project Name: Tom Matthews 10 24S 28E RB #203H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BG3 Surf	6
BG3 1'	7
BG3 2'	8
BG3 3'	9
BG3 4'	10
SW3 Surf	11
SW3 1'	12
SW3 2'	13
SW3 3'	14
SW3 4'	15
SP1 Surf	16
SP1 1'	17
SP1 2'	18
SP1 3'	19
SP1 4'	20
SP2 Surf	21
SP2 1'	22
SP2 2'	23
SP2 3'	24
SP2 4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez06/12/25 09:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG3 Surf	E506053-01A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
BG3 1'	E506053-02A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
BG3 2'	E506053-03A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
BG3 3'	E506053-04A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
BG3 4'	E506053-05A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
SW3 Surf	E506053-06A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
SW3 1'	E506053-07A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
SW3 2'	E506053-08A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
SW3 3'	E506053-09A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
SW3 4'	E506053-10A	Soil	06/04/25	06/07/25	Glass Jar, 2 oz.
SP1 Surf	E506053-11A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP1 1'	E506053-12A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP1 2'	E506053-13A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP1 3'	E506053-14A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP1 4'	E506053-15A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP2 Surf	E506053-16A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP2 1'	E506053-17A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP2 2'	E506053-18A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP2 3'	E506053-19A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP2 4'	E506053-20A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

BG3 Surf E506053-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
-Xylene	ND	0.0250	1	06/09/25	06/10/25	
,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/10/25	
Surrogate: n-Nonane		94.5 %	61-141	06/10/25	06/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

BG3 1'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: SL		Batch: 2524017
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0500	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
	101 %	70-130	06/09/25	06/10/25	
mg/kg	mg/kg	Analys	t: SL		Batch: 2524017
ND	20.0	1	06/09/25	06/10/25	
	105 %	70-130	06/09/25	06/10/25	
mg/kg	mg/kg	Analys	t: KH		Batch: 2524045
ND	25.0	1	06/10/25	06/10/25	
ND	50.0	1	06/10/25	06/10/25	
	93.1 %	61-141	06/10/25	06/10/25	
mg/kg	mg/kg	Analys	t: DT		Batch: 2524038
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0 105 % mg/kg MB 25.0 ND 50.0 93.1 %	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 IOI % 70-130 mg/kg mg/kg Analys ND 20.0 1 IO5 % 70-130 TO-130 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 93.1 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 ND 50.0 1 06/10/25 93.1 % 61-141 06/10/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 ND 0.0500 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 MD 70-130 06/09/25 06/10/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 06/10/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 06/10/25 ND 50.0 1 06/10/25 06/10/25 ND 50.0 1 06/10/25 06/10/25

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

BG3 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/10/25	
Surrogate: n-Nonane		93.1 %	61-141	06/10/25	06/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

BG3 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/10/25	
Surrogate: n-Nonane		90.7 %	61-141	06/10/25	06/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524038
Chloride	322	200	10	06/10/25	06/10/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

BG3 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/10/25	
Surrogate: n-Nonane		94.2 %	61-141	06/10/25	06/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SW3 Surf E506053-06

		E300033-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Kesun	Lillit	Dilution	Trepared	Allalyzed	rvotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/10/25	
Oil Range Organics (C28-C36)	ND	50.0	11	06/10/25	06/10/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524038
Chloride	251	200	10	06/10/25	06/10/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SW3 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/10/25	
Surrogate: n-Nonane		91.9 %	61-141	06/10/25	06/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SW3 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		91.6%	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524038
Chloride	310	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SW3 3' E506053-09

		2000000 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	•	<u> </u>	Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Foluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		92.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524038
Chloride	231	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SW3 4'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		91.3 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524038
Chloride	237	200	10	06/10/25	06/10/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP1 Surf E506053-11

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
ND	0.0500	1	06/09/25	06/10/25	
ND	0.0250	1	06/09/25	06/10/25	
	104 %	70-130	06/09/25	06/10/25	
mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
ND	20.0	1	06/09/25	06/10/25	
	102 %	70-130	06/09/25	06/10/25	
mg/kg	mg/kg	Analys	st: KH		Batch: 2524045
ND	25.0	1	06/10/25	06/11/25	
ND	50.0	1	06/10/25	06/11/25	
	94.9 %	61-141	06/10/25	06/11/25	
mg/kg	mg/kg	Analys	st: DT		Batch: 2524038
ND	200	10	06/10/25	06/10/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 IO4 % mg/kg MD 20.0 IO2 % mg/kg ND 25.0 ND 50.0 94.9 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 IO4 % 70-130 mg/kg mg/kg Analys ND 20.0 1 IO2 % 70-130 1 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 94.9 % 61-141 1 mg/kg mg/kg Analys	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 ND 50.0 1 06/10/25 ND 50.0 1 06/10/25 MD 4.9 % 61-141 06/10/25 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 ND 0.0500 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 ND 0.0250 1 06/09/25 06/10/25 MD 0.0250 1 06/09/25 06/10/25 Mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 06/10/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 06/10/25 ND 25.0 1 06/10/25 06/11/25 ND 50.0 1 06/10/25 06/11/25 ND 50.0 1 06/10/25 06/11/25 <td< td=""></td<>



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP1 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		91.8 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	•



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP1 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		94.2 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP1 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		103 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2524038
Chloride	281	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP1 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		95.9 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP2 Surf E506053-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		94.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524038
Chloride	209	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP2 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		92.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	•



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP2 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		95.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524038
Chloride	ND	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP2 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.4 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524038
	ND	200	10	06/10/25	06/10/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/12/2025 9:26:37AM

SP2 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524017
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524045
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.8 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524038
Chloride	313	200	10	06/10/25	06/10/25	·



Matador Resources, LLC. Project Name: Tom Matthews 10 24S 28E RB #203H Reported:
5400 LBJ Freeway, Suite 1500 Project Number: 23502-0001
Dallas TX, 75240 Project Manager: Daniel Dominguez 6/12/2025 9:26:37AM

Dallas TX, 75240		Project Manager:		aniel Doming	uez			6/1	2/2025 9:26:37AN
		Volatile O	rganics b	y EPA 802	21B		Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524017-BLK1)							Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		99.9	70-130			
LCS (2524017-BS1)							Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.32	0.0250	5.00		106	70-130			
Toluene	5.34	0.0250	5.00		107	70-130			
p-Xylene	5.32	0.0250	5.00		106	70-130			
o,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			
Matrix Spike (2524017-MS1)				Source:	E506053-	07	Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Benzene	5.31	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.27	0.0250	5.00	ND	105	70-130			
Toluene	5.28	0.0250	5.00	ND	106	70-130			
p-Xylene	5.25	0.0250	5.00	ND	105	70-130			
o,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			
Matrix Spike Dup (2524017-MSD1)				Source:	E506053-	07	Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Benzene	5.06	0.0250	5.00	ND	101	70-130	4.73	27	
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130	4.19	26	
Toluene	5.06	0.0250	5.00	ND	101	70-130	4.38	20	
o-Xylene	5.05	0.0250	5.00	ND	101	70-130	3.92	25	

ND

ND

10.0

15.0

8.00

103

102

103

70-130

70-130

70-130

4.13

4.06

23

26

10.3

15.3

8.21

0.0500

0.0250



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Tom Matthews 10 24S 28E RB #203H Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23502-0001 Dallas TX, 75240 Project Manager: Daniel Dominguez 6/12/2025 9:26:37AM

Nonhalogenated	Organics by	' EPA	. 8015D -	GRO

Analyst: SL

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

,	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524017-BLK1)							Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130			
LCS (2524017-BS2)							Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.91		8.00		111	70-130			
Matrix Spike (2524017-MS2)				Source:	E506053-	07	Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			
Matrix Spike Dup (2524017-MSD2)				Source:	E506053-	07	Prepared: 0	6/09/25 Anal	yzed: 06/10/25
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	1.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			



Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/12/2025 9:26:37AM

, / · ·		, ,		8					
	Nonha	logenated Or	Analyst: KH						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524045-BLK1)							Prepared: 0	6/10/25 Ana	alyzed: 06/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.7		50.0		89.3	61-141			
LCS (2524045-BS1)							Prepared: 0	6/10/25 Ana	alyzed: 06/10/25
Diesel Range Organics (C10-C28)	219	25.0	250		87.4	66-144			
Surrogate: n-Nonane	45.1		50.0		90.1	61-141			
Matrix Spike (2524045-MS1)				Source:	E506053-0	02	Prepared: 0	6/10/25 Ana	alyzed: 06/10/25
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.4	56-156			
Surrogate: n-Nonane	46.0		50.0		92.0	61-141			
Matrix Spike Dup (2524045-MSD1)				Source:	E506053-0	02	Prepared: 0	6/10/25 Ana	alyzed: 06/10/25
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.7	56-156	0.723	20	
Surrogate: n-Nonane	47.2		50.0		94.3	61-141			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Tom Matthews 23502-0001	10 24S 28	E RB #2031	Reported:		
Dallas TX, 75240		Project Manager	r: I		6/12/2025 9:26:37AM				
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524038-BLK1)							Prepared: 0	6/10/25	Analyzed: 06/10/25
Chloride	ND	20.0							

LCS (2524038-BS1)							Prepared: 06	5/10/25 Ana	lyzed: 06/10/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2524038-MS1)				Source:	E506053-	05	Prepared: 06	5/10/25 Ana	lyzed: 06/10/25
Chloride	352	200	250	ND	141	80-120			M2
Matrix Spike Dup (2524038-MSD1)			Source:	E506053-	05	Prepared: 06	5/10/25 Ana	lyzed: 06/10/25	
Chloride	278	200	250	ND	111	80-120	23.6	20	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

Г	Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
	5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
	Dallas TX, 75240	Project Manager:	Daniel Dominguez	06/12/25 09:26

M2 Matrix spike recovery was outside quality control limits. 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.



	The State of the S	TO STATE OF THE PARTY OF THE PA	es Compan		В	ill To				La	b U	se Or	nly				TA	AT	EPA P	rogram
	F-75 F-75 F-85 F-75		24S 28E F	B #203H		ouchet		Lab	WO#	#			Num			2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez Address: 4024 Plains Hwy City, State, Zip: Lovington, NM 88260, NM, 8826					BJ Freeway Ste	1500	E5	olo	53	<u>5</u>	23502-0001						X			
				City, State, Zip: Dallas Phone: 3376523463							Analysis and Metho			od					RCRA	
			60, NM, 8826																	
Phone:	575 393-				Email: jason.touche	t@matadorresou	irces.com	115	115										State	
Email:	pm@hur	ngry-hors	e.com					1y 8C	γ 80	11	0		0.0		5			NM CO	UT AZ	TX
Report d	lue by:							30 b	30 b	/ 802	826	6010	e 30		N			×		
Time Sampled	Matrix I			Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	j.	
	4-Jun	Soil	1		BG3	Surf	1								х			3.1		
	4-Jun	Soil	1		BG3	1'	2								х			2.1		
	4-Jun	Soil	1		BG3	2'	3								х			3.0		
	4-Jun	Soil	1		BG3	3'	4								х			36		
	4-Jun	Soil	1		BG3	4'	5								х			3.6		
	4-Jun	Soil	1		SW3	Surf	6								х			3.1		
	4-Jun	Soil	1		SW3	1'	T								х			2.2		
	4-Jun	Soil	1		SW3	2'	8								х			3.7		
	4-Jun	Soil	1		SW3	3'	9								х			1.5		
	4-Jun	Soil	1		SW3	4'	10								х			2.6		
Addition	al Instruc	tions:																		
The second second				ty of this sample. I ar y be grounds for lega	n aware that tampering with or in l action. Sampled b	y:	ng the sample	locatio	on,									ceived on ice the day to 6°C on subsequent day		ed or received
Relinquish	ed by: (Signa	- /	Date	6/25 Time	Received by: (Signature)	Tonzales	Date Color	25	Time	400		Rece	eived	on ice:		ab Us	se Onl	ly	*	
Relinquish	ed by (Signa	nure)	les Ce-C	e 25 Time	Received by: (Signatu	ure) (Date (0-	15	Time.			T1		on rec.	T2			T3		
Relinquish	ed by: (Signa	ature)	Date	Time 23c	Regeived by: (Signatu	ure)	Date (0.7.7)	5	Time	0		AVG	Tem	n°C				0.00		
Sample Mat	rix: S - Soil, So	- Solid, Sg -		ieous, O - Other	· www.	an	Container	Type	: 2 - 0	lass r					er øle	SS V-	VOA			
					less other arrangements are m	nade. Hazardous s	amples will	be ret	urned	to clie	nt or	dispo	sed of	at the clie	nt ey	nense	The	enort for the ana	lysis of the	ahove
samples is	applicable o	nly to thos	e samples red	eived by the labora	atory with this COC. The liabilit	y of the laboratory	is limited to	the a	moun	t paid	for o	the r	report	at the the	ca	cinac.	THE TE	sport for the alla	iyaa or the	above



Client: Matador Resources Company					Bill	То		Lab Use Only					TAT				EPA Program		
Project: Tom Matthews 10 24S 28E RB #203H				Attention: Jason Tou			Lab WO#				Job Number		1D	2D	3D	Standard	CWA	SDWA	
			ominguez		Address: 5400 LBJ	Freeway Ste	1500	ES	306	5.	3	23	502-0001	1			X		
ddress:		Plains H			City, State, Zip: Dalla	is						Analy	ysis and Metho						RCRA
			n, NM 8826	50, NM, 8826	Phone: 3376523463 Email: jason.touchet@matadorresources.com														
CONTRACTOR OF THE PARTY OF THE	575 393-	Carlot Marie	1710.00					015	015									State	
mail: leport d	pm@hun	gry-norse	e.com					by 8	by 8	021	097	10	0.000	ΣZ	×		NM CO	UI AZ	TX
Time	Date		No. of			1 4 10	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				×		
Sampled	Sampled	Matrix	Containers		Sample ID	Depth	Number	DRO	GRO	BTE	VOC	Met	Chlo	верос	верос			Remarks	
	5-Jun	Soil	1		SP1	Surf	11							X			4.0		
	5-Jun	Soil	1		SP1	1'	12							X			1.4		
	5-Jun	Soil	1		SP1	2'	13							Х			3.9		
	5-Jun	Soil	1		SP1	3'	14							х			1.8		
	5-Jun	Soil	1		SP1	4'	15							х			3.8		
	5-Jun	Soil	1		SP2	Surf	16							х			1.5		
	5-Jun	Soil	1		SP2	1'	17							х					
	5-Jun	Soil	1		SP2												3.4		
	23737					2'	18							Х			2.8		
	5-Jun	Soil	1		SP2	3'	19							Х			1.4		
	5-Jun	Soil	1		SP2	4'	20							X			3.2		
ddition	al Instruc	ions:																	
field samp	ler), attest to	the validity	and authenticity	y of this sample. I am	n aware that tampering with or inten	tionally mislabelli	ng the sample	locatio	on,			Sample	es requiring thermal p	reserva	tion mu	st be rece	eived on ice the day th	ney are sample	ed or receive
			For Carlotte Control of the Carlotte	be grounds for legal								packed	I in ice at an avg temp	above	0 but le	ss than 6	°C on subsequent day	S.	
Daw	d by: (Signa	~	- Date	/25 Time	Received by: (Signature	M.	Date 6-25	-	Time 14	00		Rece	eived on ice:	4000	ab Us)/ N	se Onl	у		
elinguishe	by Signa	ture)	les le 6	Time	Received by: (Signature)	Date 6.6.2		Time	30		T1		T2	,		T3		
linguishe	d by: (Signa	ture)	Date	Time	Received by: (Signature)	Date	~	Time					-					
Lalend	Se.		6.6.	28 230	00 / 11. 1	7/	(0.7.0	5	A	70		AVG	Temp °C						

envirotech Inc.

Printed: 6/9/2025 12:12:46PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/07/25 10:0	00	Work Order ID:	E506053
Phone:	(972) 371-5200	Date Logged In:	06/06/25 15:2	27	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:		00 (4 day TAT)	,-	
Chain of	Custody (COC)					
1. Does tl	ne sample ID match the COC?		Yes			
2. Does tl	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	No			
5. Were a	Il samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss				Comment	ts/Resolution
Sample T	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Tom Matthews	10 24S 28E RB
Sample (<u>Cooler</u>				#203H has been separat	ed into 6 reports.
7. Was a	sample cooler received?		Yes		WOs are E506053 to E3	506058. Time
8. If yes,	was cooler received in good condition?		Yes		sampled and sampled b	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		_ •	y not provided on
10. Were	custody/security seals present?		No		COC.	
	, were custody/security seals intact?		NA			
12. Was th	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a	re received within	105			
	15 minutes of sampling					
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded in o	comments.		
	<u>Container</u>					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum infample ID?	ormation:	Yes			
	late/Time Collected?		Yes	l		
	ollectors name?		No			
Sample F	Preservation					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ase?	No			
27. If yes	, does the COC specify which phase(s) is to be anal	lyzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborate	orv?	No			
	subcontract laboratory specified by the client and	-		ubcontract Lab	: NA	
	nstruction_					
Chent II	isti uction					
1						
1						

Date

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

Report to:

Daniel Dominguez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB

#203H

Work Order: E506054

Job Number: 23502-0001

Received: 6/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/13/25

Daniel Dominguez 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Tom Matthews 10 24S 28E RB #203H

Workorder: E506054

Date Received: 6/7/2025 10:00:25AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2025 10:00:25AM, under the Project Name: Tom Matthews 10 24S 28E RB #203H.

The analytical test results summarized in this report with the Project Name: Tom Matthews 10 24S 28E RB #203H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP3 Surf	6
SP3 1'	7
SP3 2'	8
SP3 3'	9
SP3 4'	10
SP4 Surf	11
SP4 1'	12
SP4 2'	13
SP4 3'	14
SP4 4'	15
SP5 Surf	16
SP5 1'	17
SP5 2'	18
SP5 3'	19
SP5 4'	20
SP6 Surf	21
SP6 1'	22
SP6 2'	23
SP6 3'	24
SP6 4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 11:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP3 Surf	E506054-01A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP3 1'	E506054-02A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP3 2'	E506054-03A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP3 3'	E506054-04A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP3 4'	E506054-05A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP4 Surf	E506054-06A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP4 1'	E506054-07A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP4 2'	E506054-08A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP4 3'	E506054-09A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP4 4'	E506054-10A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP5 Surf	E506054-11A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP5 1'	E506054-12A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP5 2'	E506054-13A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP5 3'	E506054-14A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP5 4'	E506054-15A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP6 Surf	E506054-16A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP6 1'	E506054-17A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP6 2'	E506054-18A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP6 3'	E506054-19A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP6 4'	E506054-20A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.



Ī	Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
	5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
	Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP3 Surf E506054-01

		E506054-01				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.7 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524039
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP3 1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		95.0 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524039
Chloride	ND	100	5	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP3 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		95.0 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524039
Chloride	265	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP3 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		94.4 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524039
Chloride	325	200	10	06/10/25	06/10/25	•



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP3 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		91.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524039
Chloride	314	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP4 Surf E506054-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		88.7 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524039
Chloride	429	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP4 1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		94.3 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524039
Chloride	247	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP4 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.2 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524039



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP4 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.9 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524039
Chloride	361	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP4 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524039
Chloride	353	200	10	06/10/25	06/10/25	

ſ	Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
	5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
	Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP5 Surf E506054-11

		1200024 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		93.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524039
Chloride	451	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP5 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		95.0 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524039
Chloride	215	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP5 2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		91.7 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524039
Chloride	393	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP5 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		92.9 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524039
Chloride	328	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP5 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		90.8 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524039
Chloride	371	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP6 Surf E506054-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		90.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524039
Chloride	303	200	10	06/10/25	06/10/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP6 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		92.7 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524039



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP6 2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		92.2 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524039
Chloride	371	200	10	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP6 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		90.5 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524039



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

SP6 4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2524018
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		91.2 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524039
Chloride	368	200	10	06/10/25	06/11/25	

Matador Resources, LLC.
Project Name: Tom Matthews 10 24S 28E RB #203H
Seported:
23502-0001
Dallas TX, 75240
Project Manager: Daniel Dominguez
Project Manager: Daniel Dominguez

Dallas TX, 75240		Project Manager:		aniel Doming	uez			6/1	3/2025 11:09:04AN
<u> </u>		Volatile O	raanice l	by EPA 802	1R				4 1 · D4
		volatile Oi	games	Uy EIA 002	(1D				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524018-BLK1)							Prepared: 0	6/09/25 Anal	yzed: 06/11/25
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	8.27		8.00		103	70-130			
LCS (2524018-BS1)							Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Benzene	5.65	0.0250	5.00		113	70-130			
Ethylbenzene	5.46	0.0250	5.00		109	70-130			
Toluene	5.57	0.0250	5.00		111	70-130			
o-Xylene	5.38	0.0250	5.00		108	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.4	0.0250	15.0		109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			
Matrix Spike (2524018-MS1)				Source:	E506054-	04	Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Benzene	5.20	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.3	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			
Matrix Spike Dup (2524018-MSD1)				Source:	E506054-	04	Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Benzene	5.51	0.0250	5.00	ND	110	70-130	5.81	27	
Ethylbenzene	5.35	0.0250	5.00	ND	107	70-130	5.51	26	
Toluene	5.44	0.0250	5.00	ND	109	70-130	5.65	20	
o-Xylene	5.27	0.0250	5.00	ND	105	70-130	6.03	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	5.26	23	



16.0

8.51

0.0250

15.0

8.00

ND

107

106

70-130

70-130

5.52

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 11:09:04AM

	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524018-BLK1)							Prepared: 0	6/09/25 Analy	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.8	70-130			
LCS (2524018-BS2)							Prepared: 0	6/09/25 Analy	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		101	70-130			
Matrix Spike (2524018-MS2)				Source:	E506054-	04	Prepared: 0	6/09/25 Analy	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			

Matrix Spike Dup (2524018-MSD2)				Source:	E506054-	04	Prepared: 0	6/09/25 Analyzed: 06/11/25
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130	1.10	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		8.00		101	70-130		

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 11:09:04AM

<u> </u>									
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524046-BLK1)							Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.7	61-141			
LCS (2524046-BS1)							Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	223	25.0	250		89.1	66-144			
Surrogate: n-Nonane	46.7		50.0		93.3	61-141			
Matrix Spike (2524046-MS1)				Source:	E506054-0	07	Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.4	56-156			
Surrogate: n-Nonane	47.3		50.0		94.6	61-141			
Matrix Spike Dup (2524046-MSD1)				Source:	E506054-0	07	Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	222	25.0	250	ND	89.0	56-156	0.420	20	
Surrogate: n-Nonane	44.3		50.0		88.6	61-141			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Tom Matthews 10 24S 28E RB #203H 23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 11:09:04AM

		Anions	by EPA 3	00.0/9056 A	A				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524039-BLK1)							Prepared: 0	6/10/25 An	alyzed: 06/10/25
Chloride	ND	20.0							
LCS (2524039-BS1)							Prepared: 0	6/10/25 An	alyzed: 06/10/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2524039-MS1)				Source:	E506054-	05	Prepared: 0	6/10/25 An	alyzed: 06/10/25
Chloride	655	200	250	314	136	80-120			M2
Matrix Spike Dup (2524039-MSD1)				Source:	E506054-	05	Prepared: 0	6/10/25 An	alyzed: 06/10/25
Chloride	543	200	250	314	91.6	80-120	18.7	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

Mat	tador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
540	0 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dal	las TX, 75240	Project Manager:	Daniel Dominguez	06/13/25 11:09

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Ir	nformatio	n				Chain	of Custody	/										Page	5_ of _\f
Project:	Tom Mat	thews 10	es Compan 0 24S 28E F		Bill Attention: Jason Tou	ichet	1500	Lab	WO#	ŧ	ab Us	Job	Number	1D	2D	TA 3D	Standard	EPA P	rogram
Address: City, Stat	4024 e, Zip:	4 Plains F Lovingto		60, NM, 8826	City, State, Zip: Dalla Phone: 3376523463)5			ysis and Metho				X		RCRA
	575 393- pm@hur ue by:		e.com		Email: jason.touchet@	matadorreso	irces.com	DRO/ORO by 8015	GRO/DRO by 8015	y 8021	,8260	6010	Chloride 300.0	NN	ΧŢ		NM CO	State UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/0	GRO/D	BTEX by 8021	VOC by 8260	Metals 6010	Chlorid	верос	BGDOC			Remarks	
	5-Jun	Soil	1		SP3	Surf	1							Х			3.9		
	5-Jun	Soil	1		SP3	1'	2							Х			2.8		
	5-Jun	Soil	1		SP3	2'	3							X			3.4		
	5-Jun	Soil	1		SP3	3'	4							X			3.9		
	5-Jun	Soil	1		SP3	4'	5							Х			1.4		
	5-Jun	Soil	1		SP4	Surf	6							X			3.3		
	5-Jun	Soil	1		SP4	1'	7							X			1.4		
	5-Jun	Soil	1		SP4	2'	8							х			1.3		
	5-Jun	Soil	1		SP4	3'	9							X			2.2		
	5-Jun	Soil	1		SP4	4"	10							х			2.6		
Addition	al Instruc	tions:																	
date or time		is considere		y be grounds for legal	Received by: (Signature		ng the sample		on,			1000	es requiring thermal p d in ice at an avg temp	above	0 but le		°C on subsequent day		ed or received
Relinguishe	ed by: (Signature)	ture)	Date	6(25 140 25 160	Received by: (Signature	onzales	Date 6.c.ns	5	Time	30		Reco	eived on ice:	T2)/ N	ı	T3		
_	ed by: (Signa	48	Date C.C.	Time	Received by: (Signature	an	Date (0.7.2	5	Time	00			G Temp °C	14		*	. 13		
			Sludge, A - Aqu	eous, O - Other	less other arrangements are made	la Hassada							lastic, ag - amb						

en or disposed of at the client expense. The report for the analysis of the above or on the report.

Page 136

Control of the client expense. The report for the analysis of the above or on the report. 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: Matador Resources Company Bill To Lab Use Only TAT	EPA Program
Project Manager: Daniel Dominguez Address: 5400 LBJ Freeway Ste 1500 E50(2054 23450 -000)	andard CWA SDWA
Report due by:	State NM CO UT AZ TX
Report due by: Time Date Sampled Sam	Remarks
5-Jun Soil 1 SP5 Surf X	2.0
5-Jun Soil 1 SP5 1' \2 X	1. 8
5-Jun Soil 1 SP5 2' 13 X	1.
5-Jun Soil 1 SP5 3' [4 X	3.1
5-Jun Soil 1 SP5 4' 15 X	3.2
5-Jun Soil 1 SP6 Surf 10 X	3.7
5-Jun Soil 1 SP6 1' 17 X	1.4
5-Jun Soil 1 SP6 2' \{\x\ \x\ \\	3.3
5-Jun Soil 1 SP6 3' 19 X	3.9
5-Jun Soil 1 SP6 4' 20 X	1.8
Additional Instructions: (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, late or time of collection is considered fraud and may be grounds for legal action. Sampled by: Samples requiring thermal preservation must be received or packed in ice at an avg temp above 0 but less than 6 °C on samples.	
Received by: (Signature) Date Time Time Received by: (Signature) Date Time Time	
lelinquished by: (Signature) Date Time Received by: (Signature) Date Time C.C.25 AVG Temp °C AVG Temp °C	<u>T3</u>
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	for the analysis of the above

envirotech Inc.

Printed: 6/9/2025 12:12:16PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/07/25 10:0	0	Work Order ID:	E506054
Phone:	(972) 371-5200	Date Logged In:	06/06/25 15:3	6	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	06/13/25 17:0	0 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	No			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i		Yes		Common	ts/Resolution
C1- 7	i.e, 15 minute hold time, are not included in this disucssi	ion.		Г	Commen	15/Resolution
	Curn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project Tom Matthews	10 24S 28E RB
Sample C	<u>Cooler</u>				#203H has been separat	ted into 6 reports.
7. Was a s	sample cooler received?		Yes		WOs are E506053 to E3	506058. Time
8. If yes,	was cooler received in good condition?		Yes		sampled and sampled b	v not provided on
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		COC.	, not provided on
10. Were	custody/security seals present?		No		COC.	
11. If yes	were custody/security seals intact?		NA			
12. Was th	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a	re received within				
12 Sec C	15 minutes of sampling OC for individual sample temps. Samples outside of	£00C 60C will be	maaamdad in a	ommonta		
	1 1 1	of 0 C-0 C will be	recorded in co	omments.		
	Container queous VOC samples present?		No			
	OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	,9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal	• • • • • • • • • • • • • • • • • • • •	mers concetta.	105			
	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	L		
	ollectors name?		No			
	Preservation	10	3.7			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filtration required and/or requested for dissolved m	ietais?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	does the COC specify which phase(s) is to be anal	yzed?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	subcontract laboratory specified by the client and i	if so who?	NA Sui	bcontract Lab	: NA	
Client In	<u>istruction</u>					

Date

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

Report to: Daniel Dominguez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB

#203H

Work Order: E506055

Job Number: 23502-0001

Received: 6/7/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 6/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/13/25

Daniel Dominguez 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Tom Matthews 10 24S 28E RB #203H

Workorder: E506055

Date Received: 6/7/2025 10:00:25AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2025 10:00:25AM, under the Project Name: Tom Matthews 10 24S 28E RB #203H.

The analytical test results summarized in this report with the Project Name: Tom Matthews 10 24S 28E RB #203H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP7 Surf	6
SP7 1'	7
SP7 2'	8
SP7 3'	9
SP7 4'	10
SP8 Surf	11
SP8 1'	12
SP8 2'	13
SP8 3'	14
SP8 4'	15
SP9 Surf	16
SP9 1'	17
SP9 2'	18
SP9 3'	19
SP9 4'	20
SP10 Surf	21
SP10 1'	22
SP10 2'	23
SP10 3'	24
SP10 4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 08:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP7 Surf	E506055-01A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP7 1'	E506055-02A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP7 2'	E506055-03A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP7 3'	E506055-04A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP7 4'	E506055-05A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP8 Surf	E506055-06A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP8 1'	E506055-07A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP8 2'	E506055-08A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP8 3'	E506055-09A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP8 4'	E506055-10A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP9 Surf	E506055-11A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP9 1'	E506055-12A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP9 2'	E506055-13A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP9 3'	E506055-14A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP9 4'	E506055-15A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP10 Surf	E506055-16A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP10 1'	E506055-17A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP10 2'	E506055-18A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP10 3'	E506055-19A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP10 4'	E506055-20A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP7 Surf E506055-01

		F200022-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
p-Xylene	ND	0.0250	1	06/09/25	06/10/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		94.3 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2524040
Chloride	407	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP7 1'

E506055-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		97.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524040
Chloride	469	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP7 2'

E506055-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		92.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524040
Chloride	204	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP7 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		94.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524040
Chloride	354	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP7 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		90.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524040
Chloride	580	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP8 Surf E506055-06

		L300033 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
oluene	ND	0.0250	1	06/09/25	06/10/25	
-Xylene	ND	0.0250	1	06/09/25	06/10/25	
,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		95.3 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524040
Chloride	338	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP8 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524040
Chloride	474	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP8 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		93.0 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524040
Chloride	564	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP8 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/10/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/10/25	
Toluene	ND	0.0250	1	06/09/25	06/10/25	
o-Xylene	ND	0.0250	1	06/09/25	06/10/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/10/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/10/25	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	06/09/25	06/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		96.8 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524040
Chloride	409	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP8 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		94.9 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524040
Chloride	ND	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP9 Surf E506055-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		99.4 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524040
Chloride	309	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP9 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		92.0 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2524040
Chloride	339	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP9 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		86.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		96.4 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524040
Chloride	258	200	10	06/10/25	06/10/25	•



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP9 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		96.5 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524040
Chloride	413	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP9 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		91.0 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524040
Chloride	335	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP10 Surf E506055-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		86.1 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		92.4 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524040
Chloride	366	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP10 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		93.9 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524040
Chloride	453	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP10 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		96.0 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2524040
Chloride	410	200	10	06/10/25	06/10/25	•



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP10 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		113 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524040
Chloride	413	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

SP10 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524019
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2524019
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		97.4 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524040
Chloride	362	200	10	06/10/25	06/11/25	



QC Summary Data

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 8:16:56AM

Dallas TX, 75240		Project Manager:	Da	aniel Doming	uez			6/1	3/2025 8:16:56AM	
		Volatile Organics by EPA 8021B						Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2524019-BLK1)							Prepared: 0	6/09/25 Anal	yzed: 06/10/25	
Benzene	ND	0.0250							-	
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.3	70-130				
LCS (2524019-BS1)							Prepared: 0	6/09/25 Anal	yzed: 06/10/25	
Benzene	5.38	0.0250	5.00		108	70-130				
Ethylbenzene	5.29	0.0250	5.00		106	70-130				
Toluene	5.35	0.0250	5.00		107	70-130				
o-Xylene	5.22	0.0250	5.00		104	70-130				
p,m-Xylene	10.7	0.0500	10.0		107	70-130				
Total Xylenes	15.9	0.0250	15.0		106	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.30		8.00		91.2	70-130				
Matrix Spike (2524019-MS1)				Source:	E506055-	05	Prepared: 0	6/09/25 Anal	yzed: 06/10/25	
Benzene	5.31	0.0250	5.00	ND	106	70-130				
Ethylbenzene	5.23	0.0250	5.00	ND	105	70-130				
Toluene	5.28	0.0250	5.00	ND	106	70-130				
o-Xylene	5.18	0.0250	5.00	ND	104	70-130				
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130				
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130				
Matrix Spike Dup (2524019-MSD1)				Source:	E506055-	05	Prepared: 0	6/09/25 Anal	yzed: 06/10/25	
Benzene	5.08	0.0250	5.00	ND	102	70-130	4.32	27		
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	4.11	26		
Toluene	5.06	0.0250	5.00	ND	101	70-130	4.26	20		
o-Xylene	4.98	0.0250	5.00	ND	99.5	70-130	3.98	25		
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	4.05	23		
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	4.02	26		

90.2

70-130

Surrogate: 4-Bromochlorobenzene-PID

7.22

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 8:16:56AM

	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: SL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2524019-BLK1)							Prepared: 0	6/09/25 Analy	vzed: 06/10/25			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130						
LCS (2524019-BS2)							Prepared: 0	6/09/25 Analy	zed: 06/10/25			
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.1	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130						
Matrix Spike (2524019-MS2)				Source:	E506055-	05	Prepared: 0	6/09/25 Analy	zed: 06/10/25			

Matrix Spike Dup (2524019-MSD2)				Source:	E506055-	05	Prepared: 00	6/09/25 Analyzed: 06/10/25
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130	7.18	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130		

50.0

8.00

ND

84.5

70-130

70-130

42.3

7.92

20.0

QC Summary Data

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 8:16:56AM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524050-BLK1)							Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.3		50.0		94.5	61-141			
LCS (2524050-BS1)							Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	216	25.0	250		86.4	66-144			
Surrogate: n-Nonane	46.5		50.0		93.0	61-141			
Matrix Spike (2524050-MS1)				Source:	E506055-	11	Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	189	25.0	250	ND	75.8	56-156			
Surrogate: n-Nonane	44.7		50.0		89.4	61-141			
Matrix Spike Dup (2524050-MSD1)				Source:	E506055-	11	Prepared: 0	6/10/25 Ana	lyzed: 06/11/25
Diesel Range Organics (C10-C28)	212	25.0	250	ND	84.9	56-156	11.3	20	
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			

Chloride

M6

QC Summary Data

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	•
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:16:56AM

		Anions	by EPA 3	00.0/9056	A				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2524040-BLK1)							Prepared: 0	6/10/25 Ana	yzed: 06/10/25	
Chloride	ND	20.0								
LCS (2524040-BS1)							Prepared: 0	6/10/25 Ana	lyzed: 06/10/25	
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2524040-MS1)				Source:	E506055-	10	Prepared: 0	6/10/25 Ana	yzed: 06/10/25	
Chloride	421	200	250	ND	169	80-120			M6	
Matrix Spike Dup (2524040-MSD1)				Source:	E506055-	10	Prepared: 0	6/10/25 Anal	lyzed: 06/10/25	

250

200

ND

168

80-120

0.0974

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203H5400 LBJ Freeway, Suite 1500Project Number:23502-0001Reported:Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 08:16

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS

recoveries

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

Client:	Matador	Resource	s Company	1		Bill To				La	h H-	0.00	di.			7.	T		FD	
			24S 28E R			Touchet		Lab \	NOH		b Us		Number	10	2D	TA		ndard		rogram
			ominguez	5 11 20311		BJ Freeway Ste	1500 E	501				200	502.000 l	ID	120	3D	318	X	CWA	SDWA
Address:		Plains H				allas	1300	-		ی	-	Analy	sis and Metho	d	1			^		RCRA
City, Stat	e, Zip:	Lovingto	n, NM 8826	50, NM, 8826	Phone: 337652346						T		I I	Ť						NCNA
Phone:	575 393-	3386			Email: jason.touche	et@matadorreso	irces.com	8015	8015								Ť		State	1
Email:	pm@hun	gry-horse	e.com					by 80	۸ 80	21	0	0	0.0	5			Ī	NM CO	UT AZ	TX
Report d									ROb	y 80.	826	601(90 a	N	×			×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC				Remarks	
	5-Jun	Soil	1		SP7	Surf								Х				3.1		
	5-Jun	Soil	1		SP7	1'	2							Х				3.8		
	5-Jun	Soil	1		SP7	2'	3							х			1	3.9		
	5-Jun	Soil	1		SP7	3'	4							X				3.2		
	5-Jun	Soil	1		SP7	4'	5							Х			_	2.3		
	5-Jun	Soil	1		SP8	Surf	6							Х			-	4.0		
	5-Jun	Soil	1		SP8	1'	7							х			-	3.8		
	5-Jun	Soil	1		SP8	2'	8							х			-	2.8		
	5-Jun	Soil	1		SP8	3'	9		-					х						
		Soil			- A.C.		10	H	-		-							3.0		
Addition	5-Jun al Instruc		1		SP8	4'	10							X				3.1		
	St. 31-21-02-6	6677																		
				y of this sample. I ar be grounds for legal	n aware that tampering with or in action. <u>Sampled b</u>		ng the sample	location	n,				s requiring thermal po in ice at an avg temp						The same and the	ed or received
San	d by: (Signa	~		1/25 Time	Received by: (Signat	Gonzales	Date 6.6.2	S	lime	de		Rece	ived on ice:	-	ab Us Y N	se Only	У			
Relinguish	ed by: (Signa	orzal	es la 6	25 Timp6	30 Received by: (Signati	ure)	Date (T	ime	30		Т1		T2			1	ГЗ		
Relinguish	d by: (Signa	ture)	C.6	Time	Received by: (Signati	Harr	Date (0	172	ime	7)			Temp °C_	-			- 2			

roject in	formatio	1				Chain	of Custod	У										Page _(of 1
Client:	Matador	Resource	es Compan	у	Bill T	o				La	ab Us	se Or	nly	1		TA	Т	EPA P	rogram
Project:	Tom Mat	thews 10	24S 28E R	RB #203H	Attention: Jason Tour	chet		Lab	WO#	‡		Job	Number	1D	2D	3D	Standard	CWA	SDWA
			ominguez			reeway Ste	1500	EZ	NOT	205	5	23	502.0001				X		
Address:		Plains H			City, State, Zip: Dallas							Anal	ysis and Metho	d					RCRA
			n, NM 882	60, NM, 8826	Phone: 3376523463														
	575 393-	1.7			Email: jason.touchet@r	natadorresou	irces.com	3015	3015									State	
Report d	pm@hun ue bv:	gry-nors	e.com					by 8	by 8	3021	260	010	300.0	ΣZ	×		NM CO	UT AZ	IX
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC 1			Remarks	
	5-Jun	Soil	1		SP9	Surf	Number	۵	G	.89	>	2	5	X	B		1.4	1.000	
	5-Jun	Soil	1		SP9	1'	12							X					
	5 3411	3011	-		31.5	-								^			1.0		
	5-Jun	Soil	1		SP9	2'	13							X			3.0		
	5-Jun	Soil	1		SP9	3'	14							Х			3.6		
	5-Jun	Soil	1		SP9	4'	15							X			1.4		
	5-Jun	Soil	1		SP10	Surf	160							Х			2.8		
	5-Jun	Soil	1		SP10	1'	17							X			1.4		
	5-Jun	Soil	1		SP10	2'	18							х			3.5		
	5-Jun	Soil	1		SP10	3'	19							х			2.5		
	5-Jun	Soil	1		SP10	4'	20							х			2.8		
Addition	al Instruc	tions:															F- 0		
				ty of this sample. I an y be grounds for legal	n aware that tampering with or intenti I action. <u>Sampled by:</u>	onally mislabelli	ng the sample	locatio	on,				es requiring thermal p I in ice at an avg temp						d or receive
Relinquishe	d by: (Signa	turė)	Date /	6/25 Time	Received by: (Signature)	onzales	Date (Time 14	00		Rece	eived on ice:		ab Us	e Only			
	d by: (Signa		S G	0.25 Time	Received by: (Signature)		Date 6.6.	2	Time /	63		T1		T2	,		T3		
	d by: (Signa		Date C. C	Time	Received by: (Signature)	lan	Date (0.7.7)	-	Time	00			Temp °C		= //				
ample Matr	ix: S - Soil, Sd	- Solid, Sg -		ieous, O - Other	oo Tures C		10.	Type	-			_	astic, ag - amb	er glad	ss. v -	VOA			
					less other arrangements are made	. Hazardous s											port for the analy	vsis of the	above



envirotech

envirotech Inc.

Printed: 6/9/2025 12:09:56PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/07/25 10:00)	Work Order ID:	E506055
Phone:	(972) 371-5200	Date Logged In:	06/06/25 15:38	3	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	06/13/25 17:00	0 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	No			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in the conduc		Yes		Comment	s/Resolution
Sample T	i.e, 15 minute hold time, are not included in this disucssi urn Around Time (TAT)	ion.		[
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Tom Matthews	10 24S 28E RB
Sample C	<u>Cooler</u>				#203H has been separat	ed into 6 reports.
7. Was a s	sample cooler received?		Yes		WOs are E506053 to E3	506058. Time
8. If yes,	was cooler received in good condition?		Yes		sampled and sampled b	v not provided on
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		COC.	/
10. Were	custody/security seals present?		No		COC.	
11. If yes	were custody/security seals intact?		NA			
12. Was th	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples an	re received within				
12 Sec C	15 minutes of sampling OC for individual sample temps. Samples outside of	£00C 60C will be	manamdad in ac			
	1 1 1	or o c-o c will be	recorded in co	Jiiiiienis.		
	Container queous VOC samples present?		No			
	OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	.9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lat	• • • • • • • • • • • • • • • • • • • •	nois concetou.	103			
	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	L		
	ollectors name?		No			
	reservation	10				
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filtration required and/or requested for dissolved m	etais?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	does the COC specify which phase(s) is to be anal	yzed?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborate	-	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA Sul	bcontract Lab	: NA	
Client In	<u>istruction</u>					

Date

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

Report to:

Daniel Dominguez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB

#203H

Work Order: E506056

Job Number: 23502-0001

Received: 6/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/13/25

Daniel Dominguez 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Tom Matthews 10 24S 28E RB #203H

Workorder: E506056

Date Received: 6/7/2025 10:00:25AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2025 10:00:25AM, under the Project Name: Tom Matthews 10 24S 28E RB #203H.

The analytical test results summarized in this report with the Project Name: Tom Matthews 10 24S 28E RB #203H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP11 Surf	6
SP11 1'	7
SP11 2'	8
SP11 3'	9
SP11 4'	10
SP12 Surf	11
SP12 1'	12
SP12 2'	13
SP12 3'	14
SP12 4'	15
SP13 Surf	16
SP13 1'	17
SP13 2'	18
SP13 3'	19
SP13 4'	20
SP14 Surf	21
SP14 1'	22
SP14 2'	23
SP14 3'	24
SP14 4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 14:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP11 Surf	E506056-01A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP11 1'	E506056-02A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP11 2'	E506056-03A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP11 3'	E506056-04A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP11 4'	E506056-05A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP12 Surf	E506056-06A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP12 1'	E506056-07A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP12 2'	E506056-08A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP12 3'	E506056-09A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP12 4'	E506056-10A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP13 Surf	E506056-11A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP13 1'	E506056-12A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP13 2'	E506056-13A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP13 3'	E506056-14A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP13 4'	E506056-15A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP14 Surf	E506056-16A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP14 1'	E506056-17A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP14 2'	E506056-18A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP14 3'	E506056-19A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP14 4'	E506056-20A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.

ſ	Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
	5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
	Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP11 Surf E506056-01

		F200020-01				
	D 1:	Reporting	Dil di			N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
p-Xylene	ND	0.0250	1	06/09/25	06/12/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		104 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2524047
Chloride	332	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP11 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524047
Chloride	427	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP11 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		108 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2524047
Chloride	273	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP11 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		100 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524047



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP11 4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		106 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524047
Chloride	421	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP12 Surf E506056-06

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: BA	<u> </u>	Batch: 2524028
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0500	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
	98.6 %	70-130	06/09/25	06/12/25	
mg/kg	mg/kg	Analy	vst: BA		Batch: 2524028
ND	20.0	1	06/09/25	06/12/25	
	94.7 %	70-130	06/09/25	06/12/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2524051
ND	25.0	1	06/10/25	06/11/25	
ND	50.0	1	06/10/25	06/11/25	
	100 %	61-141	06/10/25	06/11/25	
mg/kg	mg/kg	Analy	vst: DT		Batch: 2524047
406	200	10	06/10/25	06/10/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 94.7 % mg/kg MD 25.0 ND 50.0 100 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 94.7 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 100 % 61-141 1 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg Malyst: BA ND 20.0 1 06/09/25 mg/kg Analyst: BA ND 20.0 1 06/09/25 mg/kg Analyst: KH ND 25.0 1 06/10/25 ND 50.0 1 06/10/25 ND 50.0 1 06/10/25 mg/kg mg/kg Analyst: BA	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 ND 0.0500 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/09/25 06/12/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/09/25 06/12/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 06/11/25 ND 50.0 1 06/10/25 06/11/25 ND 50.0 1 06/10/25 06/11/25



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP12 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		105 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524047
Chloride	315	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP12 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		110 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524047
Chloride	218	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP12 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		104 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524047
Chloride	332	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP12 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524047
· · · · · · · · · · · · · · · · · · ·	314	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP13 Surf E506056-11

	E300030 11				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: BA		Batch: 2524028
ND	0.0250	1	06/09/25	06/13/25	
ND	0.0250	1	06/09/25	06/13/25	
ND	0.0250	1	06/09/25	06/13/25	
ND	0.0250	1	06/09/25	06/13/25	
ND	0.0500	1	06/09/25	06/13/25	
ND	0.0250	1	06/09/25	06/13/25	
	96.9 %	70-130	06/09/25	06/13/25	
mg/kg	mg/kg	Analy	st: BA		Batch: 2524028
ND	20.0	1	06/09/25	06/13/25	
	94.3 %	70-130	06/09/25	06/13/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2524051
ND	25.0	1	06/10/25	06/12/25	
ND	50.0	1	06/10/25	06/12/25	
	98.0 %	61-141	06/10/25	06/12/25	
mg/kg	mg/kg	Analy	st: DT		Batch: 2524047
417	200	10	06/10/25	06/10/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 94.3 % mg/kg ND 25.0 ND 50.0 98.0 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 94.3 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 98.0 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/09/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 ND 50.0 1 06/10/25 ND 50.0 1 06/10/25 ND 50.0 1 06/10/25 mg/kg mg/kg Analyst: BA	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/09/25 06/13/25 ND 0.0500 1 06/09/25 06/13/25 ND 0.0250 1 06/09/25 06/13/25 MD 0.0250 1 06/09/25 06/13/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/09/25 06/13/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/09/25 06/13/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 06/12/25 ND 50.0 1 06/10/25 06/12/25 ND 50.0



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP13 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		104 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524047
Chloride	259	200	10	06/10/25	06/10/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP13 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		97.2 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2524047

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP13 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	36.4	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	81.6	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		98.9 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524047
Chloride	416	100	5	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP13 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		105 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524047
Chloride	268	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP14 Surf E506056-16

		E300030-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Coluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		97.0 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524047
Chloride	ND	200	10	06/10/25	06/10/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP14 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524047
Chloride	ND	200	10	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP14 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		114 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2524047

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP14 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524047



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

SP14 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524028
Benzene	ND	0.0250	1	06/09/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/13/25	
Toluene	ND	0.0250	1	06/09/25	06/13/25	
o-Xylene	ND	0.0250	1	06/09/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	06/09/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		98.4 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524047
Chloride	226	200	10	06/10/25	06/11/25	



QC Summary Data

Matador Resources, LLC. Project Name: Tom Matthews 10 24S 28E RB #203H Reported:
5400 LBJ Freeway, Suite 1500 Project Number: 23502-0001
Dallas TX, 75240 Project Manager: Daniel Dominguez 6/13/2025 2:09:08PM

Dallas TX, 75240		Project Manager:	Da	aniel Doming	uez			6/	13/2025 2:09:08PM
		Volatile O	rganics b	y EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524028-BLK1)							Prepared: 0	6/09/25 Ana	lyzed: 06/12/25
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	8.19		8.00		102	70-130			
LCS (2524028-BS1)							Prepared: 0	6/09/25 Ana	lyzed: 06/12/25
Benzene	5.63	0.0250	5.00		113	70-130			
Ethylbenzene	5.49	0.0250	5.00		110	70-130			
Toluene	5.58	0.0250	5.00		112	70-130			
o-Xylene	5.42	0.0250	5.00		108	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			
Matrix Spike (2524028-MS1)				Source:	E506056-	04	Prepared: 0	6/09/25 Ana	lyzed: 06/12/25
Benzene	5.61	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.47	0.0250	5.00	ND	109	70-130			
Toluene	5.55	0.0250	5.00	ND	111	70-130			
o-Xylene	5.39	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	8.06		8.00		101	70-130			
Matrix Spike Dup (2524028-MSD1)				Source:	E506056-	04	Prepared: 0	6/09/25 Ana	lyzed: 06/12/25
Benzene	5.57	0.0250	5.00	ND	111	70-130	0.695	27	
Ethylbenzene	5.41	0.0250	5.00	ND	108	70-130	1.09	26	
Toluene	5.51	0.0250	5.00	ND	110	70-130	0.835	20	
o-Xylene	5.34	0.0250	5.00	ND	107	70-130	0.942	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	1.14	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	1.07	26	

8.00

8.03

100

70-130

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/20252:09:08PM

	Non	halogenated	Organics l	by EPA 801	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524028-BLK1)							Prepared: 0	6/09/25 Analy	yzed: 06/12/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
LCS (2524028-BS2)							Prepared: 0	6/09/25 Analy	yzed: 06/12/25
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
Matrix Spike (2524028-MS2)				Source:	E506056-	04	Prepared: 0	6/09/25 Analy	yzed: 06/12/25
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130			
C 1 Chl 1 d FID	7.5.1		9.00		0.4.2	70 120			

Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			
Matrix Spike Dup (2524028-MSD2)				Source:	E506056-0	04	Prepared: 00	5/09/25 Anal	yzed: 06/12/25
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

QC Summary Data

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/20252:09:08PM

		, č		<u>U</u>					
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524051-BLK1)							Prepared: 0	6/10/25 Ana	yzed: 06/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.3	61-141			
LCS (2524051-BS1)							Prepared: 0	6/10/25 Ana	yzed: 06/11/25
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			
Matrix Spike (2524051-MS1)				Source:	E506056-	08	Prepared: 0	6/10/25 Ana	yzed: 06/11/25
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	55.8		50.0		112	61-141			
Matrix Spike Dup (2524051-MSD1)				Source:	E506056-	08	Prepared: 0	6/10/25 Anal	yzed: 06/11/25
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	5.63	20	
Surrogate: n-Nonane	53.3		50.0		107	61-141			

Chloride

QC Summary Data

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	-
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:09:08PM

	Analyst: DT								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524047-BLK1)							Prepared: 0	6/10/25 Anal	yzed: 06/10/25
Chloride	ND	20.0							
LCS (2524047-BS1)							Prepared: 0	6/10/25 Anal	lyzed: 06/10/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2524047-MS1)				Source:	E506056-	04	Prepared: 0	6/10/25 Anal	lyzed: 06/10/25
Chloride	593	200	250	319	110	80-120			
Matrix Spike Dup (2524047-MSD1)				Source:	E506056-	04	Prepared: 0	6/10/25 Anal	lyzed: 06/10/25

250

200

319

105

80-120

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203H5400 LBJ Freeway, Suite 1500Project Number:23502-0001Reported:Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 14:09

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.



CWA SDWA RCRA State	EF	A Pr	ogra	m
State JT AZ TX	CV	VA	SD	WA
JT AZ TX			RC	CRA
	Sta			
temarks	UT	AZ	TX	

Project: Tom Matthews 10 24S 28E RB #203H Project Manager: Daniel Dominguez Address: 4024 Plains Hwy City, State, Zip: Lovington, NM 88260, NM,	Attention: Jason Touche Address: 5400 LBJ Free City, State, Zip: Dallas		1500	Lab	WO#	‡		Job	Num	hor	10	20	201	C+- 1 1		COLLIA
Address: 4024 Plains Hwy		eway Ste	1500	-			• 11 21				1D	20	3D	Standard	CWA	SDWA
The state of the s	City, State, Zip: Dallas		1300	62	000	05				1000				X		
City, State, Zip: Lovington, NM 88260, NM,								Anal	ysis ar	nd Metho	d					RCRA
Phone: 575 393-3386	Email: jason.touchet@mat	adorresou	rces.com	80,15	015										State	
Email: pm@hungry-horse.com				by 8	by 8	121	90	0	300.0		MN			NM CO	UT AZ	TX
Report due by:	The second secon			ORO	NO NO	y 80	/ 82	6010	Je 3(X		×		
Time Date Matrix No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals	Chloride		верос	верос			Remarks	
5-Jun Soil 1	SP11	Surf	1								X			2.2		
5-Jun Soil 1	SP11	1'	2								X			1.9		
5-Jun Soil 1	SP11	2'	3								х			2.1		
5-Jun Soil 1	SP11	3'	4								х			2.2		
5-Jun Soil 1	SP11	4'	5								х			2.8		
5-Jun Soil 1	SP12	Surf	6								х			3.7		
5-Jun Soil 1	SP12	1'	7								х			3.2		
5-Jun Soil 1	SP12	2'	8								х			2.4		
5-Jun Soil 1	SP12	3'	9								х			34		
5-Jun Soil 1	SP12	4'	10								х			2.9		
Additional Instructions:																
I, (field sampler), attest to the validity and authenticity of this sa date or time, of collection is considered fraud and may be ground		lly mislabellir	ng the sample	locatio	on,									ved on ice the day t C on subsequent da	COLUMN TO STATE OF THE PARTY OF	led or received
Relinquished by: (Signature) Date	ime Received by: (Signature)	zales	Date Cole Z	5		00		Rece	eived	on ice:		b Us N	e Only			
Relinquished by: (Signature) Relinquished by: (Signature) Date Date	Received by: (Signature)		Date Date	5	Time /	630		T1			<u>T2</u>			<u></u>		
Relinquished by: (Signature) Date C.C.28	Received by: (Signature)	us-	(O1 1-C	5	100	00		A STATE OF THE PARTY OF THE PAR	Tem							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - O			Container													
Note: Samples are discarded 30 days after results are rep	rted unless other arrangements are made. He laboratory with this COC. The liability of the	lazardous s	amples will b	e reti	urned	to clie	ent or	dispo	sed of	at the clie	nt exp	ense.	The rep	oort for the ana	lysis of the	above

roject In	formatio	n				Chain	of Custody											Pag	ge_8	_ of _
			es Company		Bil	То		E	506	05 La	b Us	CM ie On	WITIST IN			TA		E	EPA Pr	of _ Dgram SDWA RCRA
,			24S 28E RE	3 #203H	Attention: Jason To	100.000		Lab	WO#			Job	Number	1D	2D	3D	Standard	d C	WA	SDWA
			ominguez			J Freeway Ste	1500	E 5	D'S			23	1000-500				X			
ddress:		1 Plains H			City, State, Zip: Dal							Analy	sis and Metho	od						RCRA
			n, NM 8826	0, NM, 8826	Phone: 3376523463															
	575 393-				Email: jason.touchet	@matadorresou	rces.com	015	015										tate	
	pm@hun	gry-hors	e.com					by 8	by 8	121	09	0	0.00	ΣZ			NM C	נט ס:	AZ	TX
eport d				- 2			1	ORO	ORO	ογ 8(y 82	9 90	9 J		X		×			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	верос			Rei	marks	
	5-Jun	Soil	1		SP13	Surf	()							X			3.5	5		
	5-Jun	Soil	1		SP13	1'	12							х			3.1			
	5-Jun	Soil	1		SP13	2'	13							Х			3.5			
	5-Jun	Soil	1		SP13	3'	14							Х			3.4	1		
	5-Jun	Soil	1		SP13	4'	15							Х			2.5			
	5-Jun	Soil	1		SP14	Surf	16							х			2.6			
	5-Jun	Soil	1		SP14	1'	17							Х			3.2)		
	5-Jun	Soil	1		SP14	2'	18							Х			2.9			
	5-Jun	Soil	1		SP14	3'	19							х			3.3			
	5-Jun	Soil	1		SP14	4'	20							х			4.1			
ddition	al Instruc	tions:																		
ate or time	of collection	is considered		of this sample. I an be grounds for legal	n aware that tampering with or inte l action. <u>Sampled by</u>	314-116 (ng the sample	locatio	on,				es requiring thermal I in ice at an avg tem						re sampled	or receive
elinquishe	by: (Signa	iture)	Date	15 Time	Received by: (Signature	gonzales	Co le :	15	Time 14	00		Rece	eived on ice:		ab U	se Only	y	,	- 7	
Relinquished by: (Signature) Date Date Date Time Received by: (Signature)				Date (.6.25	/	Time	30		T1		<u>T2</u>									
telinquishe	d by: (Signa	ture)	Date C. 6	·25 7:	Received by: (Signature 300)	Maria	Date (0.7.2)	5	Time	0		AVG	Temp °C							
male Mate	iv: S - Soil Sd	- Solid. So -	Sludge, A - Aque		Curry	User	Container	Type	.0-0	lass			astic, ag - amb	er øla	SS V -	VOA				

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 Inc.

Printed: 6/10/2025 2:48:24PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/07/25 10:0	00	Work Order ID:	E506056
Phone:	(972) 371-5200	Date Logged In:	06/06/25 15:4	42	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:		00 (4 day TAT)	,-	
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	itch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	No			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted	in the field	Yes			
	i.e, 15 minute hold time, are not included in this disucss			_	Comment	ts/Resolution
Sample 7	<u> [urn Around Time (TAT)</u>				n tomator	10.040.000.00
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Tom Matthews	
Sample (<u>Cooler</u>				#203H has been separat	ted into 6 reports.
7. Was a	sample cooler received?		Yes		WOs are E506053 to E	506058. Time
8. If yes,	was cooler received in good condition?		Yes		sampled and sampled b	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		•	j not provided on
10. Were	custody/security seals present?		No		COC.	
	, were custody/security seals intact?		NA			
-	ne sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a	re received within	103			
	15 minutes of sampling					
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded in	comments.		
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are \	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers	s?	Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La						
	field sample labels filled out with the minimum inf	ormation:	X 7			
	ample ID? Date/Time Collected?		Yes	Į.		
	Collectors name?		Yes No			
	Preservation		NO			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		, 20a.	NA			
	ract Laboratory		3.7			
	amples required to get sent to a subcontract laborate	-	No		27.1	
29. was a	a subcontract laboratory specified by the client and	ii so wno?	NA Si	ubcontract Lab	: NA	
Client I	<u>nstruction</u>					
1						

Date

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

Report to: Daniel Dominguez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB

#203H

Work Order: E506057

Job Number: 23502-0001

Received: 6/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/13/25

Daniel Dominguez 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Tom Matthews 10 24S 28E RB #203H

Workorder: E506057

Date Received: 6/7/2025 10:00:25AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2025 10:00:25AM, under the Project Name: Tom Matthews 10 24S 28E RB #203H.

The analytical test results summarized in this report with the Project Name: Tom Matthews 10 24S 28E RB #203H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP15 Surf	6
SP15 1'	7
SP15 2'	8
SP15 3'	9
SP15 4'	10
SP16 Surf	11
SP16 1'	12
SP16 2'	13
SP16 3'	14
SP16 4'	15
SP17 Surf	16
SP17 1'	17
SP17 2'	18
SP17 3'	19
SP17 4'	20
SP18 Surf	21
SP18 1'	22
SP18 2'	23
SP18 3'	24
SP18 4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 08:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP15 Surf	E506057-01A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP15 1'	E506057-02A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP15 2'	E506057-03A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP15 3'	E506057-04A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP15 4'	E506057-05A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP16 Surf	E506057-06A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP16 1'	E506057-07A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP16 2'	E506057-08A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP16 3'	E506057-09A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP16 4'	E506057-10A	Soil	06/05/25	06/07/25	Glass Jar, 2 oz.
SP17 Surf	E506057-11A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP17 1'	E506057-12A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP17 2'	E506057-13A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP17 3'	E506057-14A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP17 4'	E506057-15A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP18 Surf	E506057-16A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP18 1'	E506057-17A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP18 2'	E506057-18A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP18 3'	E506057-19A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP18 4'	E506057-20A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.



M	Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
54	400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
D	allas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP15 Surf E506057-01

		E506057-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		96.6 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524048
Chloride	195	100	5	06/10/25	06/11/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP15 1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		97.7 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2524048
Chloride	144	100	5	06/10/25	06/11/25	·

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP15 2'

Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2524029	
Benzene	ND	0.0250	1	06/09/25	06/11/25		
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25		
Toluene	ND	0.0250	1	06/09/25	06/11/25		
o-Xylene	ND	0.0250	1	06/09/25	06/11/25		
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25		
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25		
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/09/25	06/11/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2524029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/11/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: HM		Batch: 2524054	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25		
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25		
Surrogate: n-Nonane		98.5 %	61-141	06/10/25	06/11/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: DT		Batch: 2524048	
Chloride	ND	100	5	06/10/25	06/11/25		



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP15 3'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		90.9 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2524048
Chloride	139	100	5	06/10/25	06/11/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP15 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524048
Chloride	187	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP16 Surf E506057-06

		E300037-00				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Allalyte	Result	Lillit	Dilution	п терагец	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.3 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524048
Chloride	349	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP16 1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		100 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524048
Chloride	141	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP16 2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		97.7 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2524048
Chloride	300	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP16 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.9 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524048
Chloride	322	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP16 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524048
	263	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP17 Surf E506057-11

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2524029
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0500	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
	103 %	70-130	06/09/25	06/11/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2524029
ND	20.0	1	06/09/25	06/11/25	
	105 %	70-130	06/09/25	06/11/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2524054
ND	25.0	1	06/10/25	06/11/25	
ND	50.0	1	06/10/25	06/11/25	
	99.5 %	61-141	06/10/25	06/11/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2524048
323	100	5	06/10/25	06/11/25	
	mg/kg ND Mg/kg ND mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 20.0250 I03 % mg/kg Mg/kg mg/kg ND 20.0 I05 % mg/kg ND 25.0 ND 50.0 99.5 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analy ND 20.0 1 MB/kg mg/kg Analy ND 25.0 1 ND 50.0 1 99.5 % 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 mg/kg mg/kg Analyst: HM ND 25.0 1 06/10/25 ND 50.0 1 06/10/25 ND 50.0 1 06/10/25 mg/kg mg/kg Analyst: HM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 06/11/25 ND 0.0250 1 06/09/25 06/11/25 ND 0.0250 1 06/09/25 06/11/25 ND 0.0500 1 06/09/25 06/11/25 ND 0.0250 1 06/09/25 06/11/25 ND 0.0250 1 06/09/25 06/11/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 06/11/25 mg/kg mg/kg Analyst: HM ND 25.0 1 06/10/25 06/11/25 ND 25.0 1 06/10/25 06/11/25 ND 50.0 1 06/10/25 06/11/25 ND 50.0 1 06/10/25 06/11/25 mg/kg mg/kg



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP17 1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524048
Chloride	345	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP17 2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.1 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2524048
Chloride	352	100	5	06/10/25	06/11/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP17 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.4 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524048



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP17 4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2524029
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
ND	0.0500	1	06/09/25	06/11/25	
ND	0.0250	1	06/09/25	06/11/25	
	105 %	70-130	06/09/25	06/11/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2524029
ND	20.0	1	06/09/25	06/11/25	
	105 %	70-130	06/09/25	06/11/25	
mg/kg	mg/kg	Analy	yst: HM		Batch: 2524054
ND	25.0	1	06/10/25	06/12/25	
ND	50.0	1	06/10/25	06/12/25	
	100 %	61-141	06/10/25	06/12/25	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2524048
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I05 % mg/kg MD 20.0 I05 % mg/kg MD 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 I05 % 70-130 mg/kg mg/kg Analy nD 20.0 1 I05 % 70-130 Toland mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 mg/kg mg/kg Analyst: HM ND 25.0 1 06/10/25 ND 50.0 1 06/10/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 06/09/25 06/11/25 ND 0.0500 1 06/09/25 06/11/25 ND 0.0250 1 06/09/25 06/11/25 MD 0.0250 1 06/09/25 06/11/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 06/11/25 mg/kg mg/kg Analyst: HM ND 25.0 1 06/10/25 06/12/25 ND 50.0 1 06/10/25 06/12/25

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP18 Surf E506057-16

		Ecococ. 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524048
Chloride	368	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP18 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		99.2 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524048
Chloride	289	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP18 2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		97.2 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524048
Chloride	301	100	5	06/10/25	06/11/25	•



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP18 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524048
Chloride	373	100	5	06/10/25	06/11/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

SP18 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2524029
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2524029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: HM		Batch: 2524054
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		98.6 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2524048
Chloride	406	100	5	06/10/25	06/11/25	



Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB #203H

Seported:

23502-0001

Dallas TX, 75240

Project Manager: Daniel Dominguez

Reported:

6/13/2025 8:11:34AM

Deporting Limit mg/kg 0.0250 0.0250 0.0250 0.0250 0.0250	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit % 6/09/25 Ana	Analyst: SL Notes alyzed: 06/11/25
0.0250 0.0250 0.0250 0.0250 0.0250	Level	Result		Limits	%	Limit %	
0.0250 0.0250 0.0250 0.0250	mg/kg	mg/kg	%	%			
0.0250 0.0250 0.0250					Prepared: 00	6/09/25 Ana	ılyzed: 06/11/25
0.0250 0.0250 0.0250							
0.0250 0.0250							
0.0250							
0.0500							
0.0500							
0.0250							
	8.00		99.4	70-130			
					Prepared: 0	6/09/25 Ana	alyzed: 06/11/25
0.0250	5.00		90.9	70-130			
0.0250	5.00		89.5	70-130			
0.0250	5.00		90.3	70-130			
0.0250	5.00		90.1	70-130			
0.0500	10.0		90.8	70-130			
0.0250	15.0		90.6	70-130			
	8.00		98.3	70-130			
		Source:	E506057-	08	Prepared: 0	6/09/25 Ana	alyzed: 06/11/25
0.0250	5.00	ND	109	70-130			
0.0250	5.00	ND	109	70-130			
0.0250	5.00	ND	109	70-130			
0.0250	5.00	ND	108	70-130			
0.0500	10.0	ND	110	70-130			
0.0250	15.0	ND	109	70-130			
	8.00		102	70-130			
		Source:	E506057-	08	Prepared: 00	6/09/25 Ana	alyzed: 06/11/25
0.0250	5.00	ND	108	70-130	1.21	27	
0.0250	5.00	ND	107	70-130	1.77	26	
0.0250	5.00	ND	107	70-130	1.36	20	
0.0250	5.00	ND	106	70-130	1.50	25	
0.0500	10.0	ND	108	70-130	1.98	23	
0.0250	15.0	ND	107	70-130	1.82	26	
	0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 15.0 8.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 15.0 8.00 0.0250 15.0 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0500 10.0	8.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 5.00 0.0250 10.0 0.0250 15.0 8.00 Source: 0.0250 5.00 ND 0.0250 15.0 ND 0.0250 15.0 ND 0.0250 15.0 ND 0.0250 5.00 ND 0.0250 15.0 ND 0.0250 5.00 ND 0.0250 15.0 ND	8.00 99.4 0.0250 5.00 90.9 0.0250 5.00 89.5 0.0250 5.00 90.3 0.0250 5.00 90.1 0.0500 10.0 90.8 0.0250 15.0 90.6 8.00 98.3 Source: E506057-1 0.0250 5.00 ND 109 0.0250 5.00 ND 107	8.00 99.4 70-130	No. Prepared: 00.	No. Prepared: 06/09/25 Ana

98.7

70-130

Surrogate: 4-Bromochlorobenzene-PID

7.89

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 8:11:34AM

Nonhalogenated	Organics by	EPA	8015D -	GRO
----------------	-------------	------------	---------	-----

Analyst: SL

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

	Result	Lillit	Level	Result	Rec	Lillius	KrD	LIIIII	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524029-BLK1)							Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.23		8.00		103	70-130			
LCS (2524029-BS2)							Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.57		8.00		107	70-130			
Matrix Spike (2524029-MS2)				Source:	E506057-	08	Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.59		8.00		107	70-130			
Matrix Spike Dup (2524029-MSD2)				Source:	E506057-	08	Prepared: 0	6/09/25 Anal	yzed: 06/11/25
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			



Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/2025 8:11:34AM

	Ni sashari	I 4 - 4 O		EDA 001 <i>E</i> T) DDO	/ODO			
	Nonna	logenated Or	ganics by	EPA 80151) - DKO	ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524054-BLK1)							Prepared: 0	6/10/25 Ana	llyzed: 06/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	61-141			
LCS (2524054-BS1)							Prepared: 0	6/10/25 Ana	alyzed: 06/11/25
Diesel Range Organics (C10-C28)	250	25.0	250		100	66-144			
Surrogate: n-Nonane	47.6		50.0		95.3	61-141			
Matrix Spike (2524054-MS1)				Source:	E506057-1	11	Prepared: 0	6/10/25 Ana	alyzed: 06/11/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			
Matrix Spike Dup (2524054-MSD1)				Source:	E506057-1	11	Prepared: 0	6/10/25 Ana	alyzed: 06/11/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	2.58	20	
Surrogate: n-Nonane	49.0		50.0		98.1	61-141			

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 8:11:34AM

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 (2524048-BLK1)							Prepared: 0	6/10/25 Anal	yzed: 06/11/25	
Chloride	ND	20.0								
LCS (2524048-BS1)							Prepared: 0	6/10/25 Anal	yzed: 06/11/25	
Chloride	251	20.0	250		100	90-110				
Matrix Spike (2524048-MS1)				Source:	E506057-	05	Prepared: 0	6/10/25 Anal	yzed: 06/11/25	
Chloride	413	100	250	187	90.4	80-120				
Matrix Spike Dup (2524048-MSD1)				Source:	E506057-	05	Prepared: 0	6/10/25 Anal	yzed: 06/11/25	
Chloride	428	100	250	187	96.4	80-120	3.55	20		

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203H5400 LBJ Freeway, Suite 1500Project Number:23502-0001Reported:Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 08:11

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

Project In	formation	n				Chain	of Custod	У										Page _	1_of 13	
Project: Project N Address:	Tom Mat lanager: 4024	thews 10 Daniel D 1 Plains F		B #203H	Address: 5400 LBJ Freeway Ste 1500 City, State, Zip: Dallas				wo#		7	Use Only Job Number 23502.000 J Analysis and Method			2D	TA 3D	Standard X	EPA P CWA	SDWA RCRA	
Phone:	575 393- pm@hun	3386	orse.com		Phone: 3376523463 Email: jason.touchet@ma	tadorresou	urces.com	RO by 8015	GRO/DRO by 8015	y 8021	8260	6010	Chloride 300.0	NM	100	¥		NM CO	State UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/ORO	GRO/D	BTEX by 8021	VOC by	Metals 6010	Chlorid	BGDOC	BGDOC			Remarks		
	5-Jun	Soil	1		SP15	Surf	1							Х			4.2			
	5-Jun	Soil	1		SP15	1'	2							X			2.4			
	5-Jun	Soil	1		SP15	2'	3							X			3.4			
	5-Jun	Soil	1		SP15	3'	4							х			1.8			
	5-Jun	Soil	1		SP15	4'	5							X			2.9			
	5-Jun	Soil	1		SP16	Surf	6							х			3.4			
	5-Jun	Soil	1		SP16	1'	7							х			3.8			
	5-Jun	Soil	1		SP16	2'	8							х			1.60			
	5-Jun	Soil	1		SP16	3'	9							X			2.8			
	5-Jun	Soil	1		SP16	4'	10							х			1.7			
	al Instruc																			
date or time		is considere		y be grounds for legal	n aware that tampering with or intentional action. Sampled by: Received by: (Signature)		ng the sample		on,		- 1	100100000000000000000000000000000000000		above (0 but le	ess than 6	ived on ice the day th °C on subsequent day:		ed or received	
Day	d by: (Signa	W	Date	6 25 140	6 Michelle Gon	zales	Le G. J.	5	Time	400		Rece	eived on ice:	Ö	AD ()	se Onl	y.			
Mic	relle G ed by: (Signa	ture)	Date	Time	Received by: (Signature)	lan	0.6.7 Date	2	Time (OC	630		<u>T1</u>		<u>T2</u>			<u>T3</u>		\	
Sample Mate	ix: 5 - Soil, So		Sludge A - Agu	ueous, 0 - Other	100 Cally		UIU	Type					Temp °C astic, ag - ambe	r glad	cc 1/	- VOA				
					less other arrangements are made.	Hazardous s											port for the analy	sis of the	above	
amples is	applicable o	nly to thos	e samples rec	eived by the labora	tory with this COC. The liability of the	e laboratory	is limited to	the a	moun	t paid	for on	the r	eport.					-10 51 5116	above	



Project Ir	nformatio	n				Chain	of Custod	4										Page <u>I</u>	of
_	Tom Mat Nanager:	tthews 10	es Compar 0 24S 28E I ominguez	RB #203H					WO#		1	Job Number			2D	TA 3D	Standard X	EPA Pr CWA	SDWA
City, Stat	e, Zip: 575 393- pm@hur	Lovingto 3386	on, NM 882	260, NM, 8826	Phone: 3376523463 Email: jason.touchet@matadorresources.com		DRO/ORO by 8015	GRO/DRO by 8015	8021	8260		o. 000	Q ∑N	XT		NM CO	State UT AZ	TX	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/OR	GRO/DR	BTEX by	VOC by 8	Metals 6010	Chloride	BGDOC	BGDOC			Remarks	
	6-Jun	Soil	1		SP17	Surf	11							х			3.1		
	6-Jun	Soil	1		SP17	1'	12							Х			3.3		
	6-Jun	Soil	1		SP17	2'	13							Х			4.0		
	6-Jun	Soil	1		SP17	3'	14							Х			3.7		
	6-Jun	Soil	1		SP17	4'	15							Х			3,4		
	6-Jun	Soil	1		SP18	Surf	16							Х			4.2		
	6-Jun	Soil	1		SP18	1'	17							X			3.5		
	6-Jun	Soil	1		SP18	2'	18							X			3.6		
	6-Jun	Soil	1		SP18	3'	19							X			2.8		
	6-Jun	Soil	1		SP18	4'	20							х			2.0		
, (field samp date or time Relinquish Relinquish		o the validity is considered ature)	Date Date	Time	Received by: (Signature) Received by: (Signature) Received by: (Signature)	ally mislabelli	Date L. L. Date L. L. Date L. L. Date Date Date Date		Time Time	100	O	Rece		above (0 but le	se On	eived on ice the day the object of the consubsequent day		d or received
				ueous, O - Other	_	Uasarda					p - po	ly/pla	astic, ag - ambe						
amples is	applicable o	nly to those	ays arter rest e samples ret	ans are reported un ceived by the labora	less other arrangements are made. atory with this COC. The liability of the	nazardous s e laboratory	is limited to	be ret	urned moun	to clie	ent or for on	dispo:	sed of at the clie eport.	nt exp	ense.	The re	eport for the anal	ysis of the a	above

envirotech Inc.

Printed: 6/9/2025 12:08:42PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/07/25 10:00)	Work Order ID:	E506057
Phone:	(972) 371-5200	Date Logged In:	06/06/25 15:45	5	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	06/13/25 17:00	0 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	No			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in the conduc		Yes		Commen	ts/Resolution
Sample T	i.e, 15 minute hold time, are not included in this disucss urn Around Time (TAT)	ion.		[
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Tom Matthews	10 24S 28E RB
Sample C	<u>Cooler</u>				#203H has been separat	ted into 6 reports.
7. Was a s	sample cooler received?		Yes		WOs are E506053 to E	506058. Time
8. If yes,	was cooler received in good condition?		Yes		sampled and sampled b	v not provided on
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		COC.	7 ==== P== //400 OH
10. Were	custody/security seals present?		No		COC.	
11. If yes	were custody/security seals intact?		NA			
12. Was th	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a	re received within				
13 See C	15 minutes of sampling OC for individual sample temps. Samples outside of	of 0°C 6°C will be	recorded in co	nmante		
		or o e-o e win be	recorded in ee	Jillinents.		
	Container queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	s?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·					
	— field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	L		
	ollectors name?		No			
	reservation the COC on field lebels indicate the commune were n	magamyad?	N-			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved? filtration required and/or requested for dissolved m	estala?	NA Na			
	•	ictais:	No			
	se Sample Matrix	9	3.7			
	the sample have more than one phase, i.e., multipla		No			
	does the COC specify which phase(s) is to be anal	yzea?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	subcontract laboratory specified by the client and i	if so who?	NA Sub	bcontract Lab	: NA	
Client In	<u>istruction</u>					

Date

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

Report to:

Daniel Dominguez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Tom Matthews 10 24S 28E RB

#203H

Work Order: E506058

Job Number: 23502-0001

Received: 6/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/13/25

Daniel Dominguez 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Tom Matthews 10 24S 28E RB #203H

Workorder: E506058

Date Received: 6/7/2025 10:00:25AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2025 10:00:25AM, under the Project Name: Tom Matthews 10 24S 28E RB #203H.

The analytical test results summarized in this report with the Project Name: Tom Matthews 10 24S 28E RB #203H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP19 Surf	6
SP19 1'	7
SP19 2'	8
SP19 3'	9
SP19 4'	10
SP20 Surf	11
SP20 1'	12
SP20 2'	13
SP20 3'	14
SP20 4'	15
SP21 Surf	16
SP21 1'	17
SP21 2'	18
SP21 3'	19
SP21 4'	20
SP22 Surf	21
SP22 1'	22
SP22 2'	23
SP22 3'	24
SP22 4'	25

Table of Contents (continued)

	SP23 Surf	26
	SP23 1'	27
	SP23 2'	28
	SP23 3'	29
	SP23 4'	30
Q	C Summary Data	31
	QC - Volatile Organics by EPA 8021B	31
	QC - Nonhalogenated Organics by EPA 8015D - GRO	33
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	35
	QC - Anions by EPA 300.0/9056A	37
D	efinitions and Notes	39
CI	nain of Custody etc.	40

Sample Summary

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 14:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP19 Surf	E506058-01A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP19 1'	E506058-02A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP19 2'	E506058-03A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP19 3'	E506058-04A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP19 4'	E506058-05A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP20 Surf	E506058-06A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP20 1'	E506058-07A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP20 2'	E506058-08A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP20 3'	E506058-09A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP20 4'	E506058-10A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP21 Surf	E506058-11A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP21 1'	E506058-12A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP21 2'	E506058-13A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP21 3'	E506058-14A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP21 4'	E506058-15A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP22 Surf	E506058-16A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP22 1'	E506058-17A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP22 2'	E506058-18A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP22 3'	E506058-19A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP22 4'	E506058-20A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP23 Surf	E506058-21A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP23 1'	E506058-22A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP23 2'	E506058-23A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP23 3'	E506058-24A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.
SP23 4'	E506058-25A	Soil	06/06/25	06/07/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP19 Surf E506058-01

		E500058-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Coluene	ND	0.0250	1	06/09/25	06/11/25	
-Xylene	ND	0.0250	1	06/09/25	06/11/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Dil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		103 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524049
Chloride	122	100	5	06/10/25	06/11/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP19 1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2524049
Chloride	239	100	5	06/10/25	06/11/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP19 2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.8 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	259	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP19 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		105 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	171	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP19 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	392	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP20 Surf E506058-06

		E300036-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
- many to	resur	2	Diminon	Trepared	111111,200	110100
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524049
Chloride	149	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP20 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		99.9 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	143	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP20 2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/11/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2524049
Chloride	138	100	5	06/10/25	06/11/25	

Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP20 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		107 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524049
Chloride	211	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP20 4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		103 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	427	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP21 Surf E506058-11

		E300036-11				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Tillelyee	resur	Emit	Director	Теригеа	7 mary 20a	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524049
Chloride	152	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP21 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2524049



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP21 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		100 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524049
	170	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP21 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		103 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524049
Chloride	257	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP21 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		104 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	228	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP22 Surf E506058-16

Result	Reporting Limit	Dilution			
		Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL	· · · · · · · · · · · · · · · · · · ·	Batch: 2524030
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
ND	0.0500	1	06/09/25	06/12/25	
ND	0.0250	1	06/09/25	06/12/25	
	102 %	70-130	06/09/25	06/12/25	
mg/kg	mg/kg	Analy	st: SL		Batch: 2524030
ND	20.0	1	06/09/25	06/12/25	
	107 %	70-130	06/09/25	06/12/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2524055
ND	25.0	1	06/10/25	06/12/25	
ND	50.0	1	06/10/25	06/12/25	
	101 %	61-141	06/10/25	06/12/25	
mg/kg	mg/kg	Analy	st: DT		Batch: 2524049
229	100	5	06/10/25	06/11/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 20.0 107 % mg/kg MD 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 IO2 % 70-130 mg/kg mg/kg Analy ND 20.0 1 IO7 % 70-130 mg/kg mg/kg Analy ND 50.0 1 IO1 % 61-141 mg/kg mg/kg Analy	ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0250 1 06/09/25 ND 0.0500 1 06/09/25 ND 0.0250 1 06/09/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/09/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/10/25 ND 50.0 1 06/10/25 ND 50.0 1 06/10/25 mg/kg mg/kg Analyst: KH	ND 0.0250 1 06/09/25 06/12/25 ND 0.0500 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 ND 0.0250 1 06/09/25 06/12/25 MD 0.0250 1 06/09/25 06/12/25 MD 0.0250 1 06/09/25 06/12/25 MD 70-130 06/09/25 06/12/25 MD 20.0 1 06/09/25 06/12/25 MD 20.0 1 06/09/25 06/12/25 MD 25.0 1 06/10/25 06/12/25 ND 25.0 1 06/10/25 06/12/25 ND 50.0 1 06/10/25 06/12/25 MD 50.0 1 06/10/25 06/12/25 MG/kg mg/kg Analyst: BL



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP22 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	150	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP22 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		101 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2524049
Chloride	178	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP22 3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524049
Chloride	346	100	5	06/10/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP22 4'

		ъ.				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Benzene	ND	0.0250	1	06/09/25	06/12/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/12/25	
Toluene	ND	0.0250	1	06/09/25	06/12/25	
o-Xylene	ND	0.0250	1	06/09/25	06/12/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/12/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/12/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/09/25	06/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2524055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/25	06/12/25	
Surrogate: n-Nonane		102 %	61-141	06/10/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524049
Chloride	ND	100	5	06/10/25	06/11/25	·



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP23 Surf E506058-21

		1500050 21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2524032
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
-Xylene	ND	0.0250	1	06/09/25	06/11/25	
o,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2524032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2524094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/12/25	
Surrogate: n-Nonane		121 %	61-141	06/12/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524072
Chloride	ND	100	5	06/11/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP23 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524032
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2524032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2524094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/12/25	
Surrogate: n-Nonane		124 %	61-141	06/12/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524072
Chloride	ND	200	10	06/11/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP23 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2524032
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2524032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2524094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/12/25	
Surrogate: n-Nonane		128 %	61-141	06/12/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2524072
Chloride	ND	200	10	06/11/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP23 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2524032
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2524032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2524094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/12/25	
Surrogate: n-Nonane		125 %	61-141	06/12/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2524072
Chloride	ND	200	10	06/11/25	06/11/25	



Matador Resources, LLC.	Project Name:	Tom Matthews 10 24S 28E RB #203H	
5400 LBJ Freeway, Suite 1500	Project Number:	23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

SP23 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524032
Benzene	ND	0.0250	1	06/09/25	06/11/25	
Ethylbenzene	ND	0.0250	1	06/09/25	06/11/25	
Toluene	ND	0.0250	1	06/09/25	06/11/25	
o-Xylene	ND	0.0250	1	06/09/25	06/11/25	
p,m-Xylene	ND	0.0500	1	06/09/25	06/11/25	
Total Xylenes	ND	0.0250	1	06/09/25	06/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2524032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/25	06/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	06/09/25	06/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2524094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/12/25	
Surrogate: n-Nonane		122 %	61-141	06/12/25	06/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2524072
Chloride	ND	200	10	06/11/25	06/11/25	



Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Tom Matthews 10 24S 28E RB #203H 23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

Dallas TX, 75240		Project Manager:	Da	aniel Doming	uez			6/1	3/2025 2:11:21PM	
	Volatile Organics by EPA 8021B							Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2524030-BLK1)							Prepared: 0	6/09/25 Anal	yzed: 06/11/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130				
LCS (2524030-BS1)							Prepared: 0	6/09/25 Anal	yzed: 06/11/25	
Benzene	5.80	0.0250	5.00		116	70-130				
Ethylbenzene	5.77	0.0250	5.00		115	70-130				
Toluene	5.78	0.0250	5.00		116	70-130				
o-Xylene	5.74	0.0250	5.00		115	70-130				
p,m-Xylene	11.7	0.0500	10.0		117	70-130				
Total Xylenes	17.4	0.0250	15.0		116	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130				
Matrix Spike (2524030-MS1)				Source:	E506058-	06	Prepared: 0	6/09/25 Anal	yzed: 06/11/25	
Benzene	4.87	0.0250	5.00	ND	97.5	70-130				
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	70-130				
Toluene	4.86	0.0250	5.00	ND	97.2	70-130				
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130				
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	70-130				
Total Xylenes	14.7	0.0250	15.0	ND	98.1	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130				
Matrix Spike Dup (2524030-MSD1)				Source:	E506058-	06	Prepared: 0	6/09/25 Anal	yzed: 06/11/25	
Benzene	5.15	0.0250	5.00	ND	103	70-130	5.53	27		
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	5.77	26		
Toluene	5.15	0.0250	5.00	ND	103	70-130	5.73	20		
o-Xylene	5.15	0.0250	5.00	ND	103	70-130	5.89	25		
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	5.81	23		
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	5.84	26		

70-130

Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC.
Project Name: Tom Matthews 10 24S 28E RB #203H
St400 LBJ Freeway, Suite 1500
Project Number: 23502-0001
Pallas TX, 75240
Project Manager: Daniel Dominguez

Volatile Organics by EPA 8021B

Analyst: SL

Dallas TX, 75240		Project Manager:	Da	niel Domingu	iez				6/13/2025 2:11:21PN	
		Volatile Organics by EPA 8021B						Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2524032-BLK1)							Prepared: 0	6/09/25 A	nalyzed: 06/11/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130				
LCS (2524032-BS1)							Prepared: 0	6/09/25 A	nalyzed: 06/11/25	
Benzene	5.35	0.0250	5.00		107	70-130				
Ethylbenzene	5.22	0.0250	5.00		104	70-130				
Toluene	5.30	0.0250	5.00		106	70-130				
o-Xylene	5.18	0.0250	5.00		104	70-130				
p,m-Xylene	10.5	0.0500	10.0		105	70-130				
Total Xylenes	15.7	0.0250	15.0		105	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130				
Matrix Spike (2524032-MS1)		Source: E506050-24					Prepared: 06/09/25 Analyzed: 06/11/25			
Benzene	5.26	0.0250	5.00	ND	105	70-130				
Ethylbenzene	5.19	0.0250	5.00	ND	104	70-130				
Toluene	5.24	0.0250	5.00	ND	105	70-130				
o-Xylene	5.13	0.0250	5.00	ND	103	70-130				
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130				
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130				
Matrix Spike Dup (2524032-MSD1)				Source:	E506050-	24	Prepared: 0	6/09/25 A	nalyzed: 06/11/25	
Benzene	5.80	0.0250	5.00	ND	116	70-130	9.65	27		
Ethylbenzene	5.65	0.0250	5.00	ND	113	70-130	8.49	26		
Toluene	5.74	0.0250	5.00	ND	115	70-130	9.12	20		
o-Xylene	5.62	0.0250	5.00	ND	112	70-130	9.13	25		
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130	8.04	23		
Total Xylenes	17.0	0.0250	15.0	ND	113	70-130	8.39	26		
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130				

Tom Matthews 10 24S 28E RB #203H Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23502-0001 Dallas TX, 75240 Project Manager: Daniel Dominguez 6/13/2025 2:11:21PM

Nonhalogenated	Organics	by EPA	8015D - GRO
----------------	----------	--------	-------------

Analyst: SL

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

	Result	Lillit	Level	Result	Rec	Lillits	KI D	Lillit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524030-BLK1)							Prepared: 0	6/09/25 Ana	alyzed: 06/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.10		8.00		101	70-130			
LCS (2524030-BS2)							Prepared: 0	6/09/25 Ana	alyzed: 06/11/25
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.58		8.00		107	70-130			
Matrix Spike (2524030-MS2)				Source:	E506058-	06	Prepared: 0	6/09/25 Ana	alyzed: 06/11/25
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			
Matrix Spike Dup (2524030-MSD2)				Source:	E506058-0	06	Prepared: 0	6/09/25 Ana	alyzed: 06/11/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.7	70-130	7.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.46		8.00		106	70-130			



Analyst: SL

QC Summary Data

Tom Matthews 10 24S 28E RB #203H Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23502-0001 Dallas TX, 75240 Project Manager: Daniel Dominguez 6/13/2025 2:11:21PM

Nonhalogenated Organics	s by EPA 8015D - GRO
-------------------------	----------------------

Result Limit Level Result Rec Limits RPD Limit
--

Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524032-BLK1)							Prepared: 0	6/09/25 A	Analyzed: 06/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			
LCS (2524032-BS2)							Prepared: 0	6/09/25 A	Analyzed: 06/11/25
Gasoline Range Organics (C6-C10)	38.0	20.0	50.0		75.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			
Matrix Spike (2524032-MS2)				Source:	E506050-2	24	Prepared: 0	6/09/25 A	Analyzed: 06/11/25
Gasoline Range Organics (C6-C10)	38.3	20.0	50.0	ND	76.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			
Matrix Spike Dup (2524032-MSD2)				Source:	E506050-2	24	Prepared: 0	6/09/25 A	Analyzed: 06/11/25
Gasoline Range Organics (C6-C10)	37.2	20.0	50.0	ND	74.4	70-130	2.88	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/20252:11:21PM

<u> </u>		, c									
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: KH		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2524055-BLK1)							Prepared: 0	6/10/25 Ana	llyzed: 06/11/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	49.8		50.0		99.5	61-141					
LCS (2524055-BS1)							Prepared: 0	6/10/25 Ana	alyzed: 06/11/25		
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	66-144					
Surrogate: n-Nonane	49.8		50.0		99.6	61-141					
Matrix Spike (2524055-MS1)				Source:	E506058-0	05	Prepared: 0	6/10/25 Ana	alyzed: 06/11/25		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156					
Surrogate: n-Nonane	50.9		50.0		102	61-141					
Matrix Spike Dup (2524055-MSD1)				Source:	E506058-0	05	Prepared: 0	6/10/25 Ana	alyzed: 06/11/25		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	56-156	0.786	20			
Surrogate: n-Nonane	50.6		50.0		101	61-141					

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203HReported:5400 LBJ Freeway, Suite 1500Project Number:23502-0001Dallas TX, 75240Project Manager:Daniel Dominguez6/13/20252:11:21PM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524094-BLK1)							Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.1		50.0		118	61-141			
LCS (2524094-BS1)							Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	285	25.0	250		114	66-144			
Surrogate: n-Nonane	57.0		50.0		114	61-141			
Matrix Spike (2524094-MS1)				Source:	E506058-	25	Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	61.2		50.0		122	61-141			
Matrix Spike Dup (2524094-MSD1)				Source:	E506058-	25	Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156	1.47	20	
Surrogate: n-Nonane	58.7		50.0		117	61-141			

Matrix Spike Dup (2524049-MSD1)

Chloride

461

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Tom Matthews 10 24S 28E RB #203H 23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

Dullus 171, 73240		1 Toject Wianage	і. Бі	inier Dominige	ACZ.			0,1	5/2025 2/11/211/VI		
		Anions	by EPA 3	00.0/9056 <i>A</i>	\				Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2524049-BLK1)							Prepared: 0	6/10/25 Anal	/zed: 06/11/25		
Chloride	ND	20.0									
LCS (2524049-BS1)							Prepared: 0	6/10/25 Analy	zed: 06/11/25		
Chloride	254	20.0	250		102	90-110					
Matrix Spike (2524049-MS1)				Source:	E506058-	03	Prepared: 0	6/10/25 Analy	zed: 06/11/25		
Chloride	502	100	250	259	97.4	80-120					

250

100

Source: E506058-03

81.2

80-120

8.42

259

Prepared: 06/10/25 Analyzed: 06/11/25

20

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Tom Matthews 10 24S 28E RB #203H 23502-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	6/13/2025 2:11:21PM

Anions by EPA 300.0/9056A									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524072-BLK1)							Prepared: 0	6/11/25 Ar	nalyzed: 06/11/25
Chloride	ND	20.0							
LCS (2524072-BS1)							Prepared: 0	6/11/25 An	nalyzed: 06/11/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2524072-MS1)				Source:	E506063-	03	Prepared: 0	6/11/25 Ar	nalyzed: 06/11/25
Chloride	275	20.0	250	ND	110	80-120			
Matrix Spike Dup (2524072-MSD1)				Source:	E506063-	03	Prepared: 0	6/11/25 Ar	nalyzed: 06/11/25
Chloride	274	20.0	250	ND	110	80-120	0.151	20	

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.Project Name:Tom Matthews 10 24S 28E RB #203H5400 LBJ Freeway, Suite 1500Project Number:23502-0001Reported:Dallas TX, 75240Project Manager:Daniel Dominguez06/13/25 14:11

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

lient:	Matador	Resource	s Compan	У	Bill	То				La	ab Us	se Or	nlv			TA	T	FPA P	rogram
			24S 28E R	B #203H	Attention: Jason To	uchet		Lab WO# Job Number				1D	2D	3D	Standard	CWA	SDWA		
			ominguez			Freeway Ste	1500	F50605 & 23502.000					502.0001				X		
ddress:		Plains H			City, State, Zip: Dall	as							sis and Metho						RCRA
			n, NM 882	60, NM, 8826	Phone: 3376523463														
	575 393-		ALIFECTION .		Email: jason.touchet@	matadorresou	irces.com	015	015									State	
mail: leport d	pm@hun	gry-norse	e.com	-				by 8	by 8	021	8260	10	300.0	ΣN			NM CO	UT AZ	TX
Time	Date						Lab	ORO	DRO	by 8(ny 82	s 60	de 3		X		×		
Sampled	Sampled	Matrix	No. of Containers		Sample ID	Depth	Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by	Metals 6010	Chloride	верос	BGDOC			Remarks	
	6-Jun	Soil	1		SP19	Surf	1							X			2.6		
	6-Jun	Soil	1		SP19	1'	2							Х			3.4		
	6-Jun	Soil	1		SP19	2'	3							х			3.0		
	6-Jun	Soil	1		SP19	3'	4							Х			2.8		
	6-Jun	Soil	1		SP19	4'	5							х			1.6		
	6-Jun	Soil	1		SP20	Surf	6							х			1.4		
	6-Jun	Soil	1		SP20	1'	7							x			2.8		
	6-Jun	Soil	1		SP20	2'	8							х			3.7		
	6-Jun	Soil	1		SP20	3'	9							x			4.0		
	6-Jun	Soil	1		SP20	4'	10	H						х			2.8		
Addition	al Instruc	tions:																	
				ty of this sample. I an	n aware that tampering with or inter	ntionally mislabellin	ng the sample	locatio	on,				s requiring thermal p					A STATE OF THE STA	ed or received
	ed by: (Sign:	DESCRIPTION OF	Date	Time	Received by: (Signature	onzales	Date Le-le-L	-	Time	400)	Rece	eived on ice:		ab Us	e Only	/	*	
elinquish	ed by: (Sign	ture)	Date	Time	Received by. (Signature	2)	C.C.N	,	Time	630		T1		T2	,		T3		
elinquish	ed by: (Signa	ature)	Date	Time	Received by: (Signature	Mara	Date (0.7.7		Time	200			Temp °C					-	

Project Ir	nformatio	n				Chain	of Custod	y										Page 17	2 of 13
	Tom Mat	thews 10	es Compan 24S 28E F		Attention: Jason Touch	et	1500	Lab	WO#	+	ab Us	Job	Number	1D	2D	TA 3D	Standard	EPA Pi	ogram SDWA
Address: City, Stat	402	1 Plains F Lovingto		60, NM, 8826	Address: 5400 LBJ Free City, State, Zip: Dallas Phone: 3376523463 Email: jason.touchet@ma				F500051			Analysis and Method		d d			X	State	RCRA
Report d		gry-hors	e.com						GRO/DRO by 8015	BTEX by 8021	y 8260	Metals 6010	de 300.0	NM	¥		NM CO		TX
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/	втех ь	VOC by	Metals	Chloride	BGDOC	BGDOC			Remarks	
	6-Jun	Soil	1		SP21	Surf	11							Х			1.5		
	6-Jun	Soil	1		SP21	1'	12							X			3.1		
	6-Jun	Soil	1		SP21	2'	13							Х			4.0		
	6-Jun	Soil	1		SP21	3'	14							Х			3.4		
	6-Jun	Soil	1		SP21		15							X			1.4		
	6-Jun	Soil	1		SP22	Surf	10							х			26		
	6-Jun	Soil	1		SP22	1'	17							X			2.9		
	6-Jun	Soil	1		SP22	2'	18							х			3.6		
	6-Jun	Soil	1		SP22	3'	19							х			3.4		
	6-Jun	Soil	1		SP22	4'	20							х			3.0		
Addition		0.00.700																	
	of collection	is considere		y be grounds for legal	Received by: (Signature)	0	ng the sample		Time				es requiring thermal p d in ice at an avg temp	above (0 but le		°C on subsequent day	A TOWN WASHINGTON	d or received
Relinquishe	d by: (Signa	ture	Date	6 2 140	Received by: (Signature)	zorles	(-6)	25	Time	100		Rece	eived on ice:	CY	N				
	rouished by: (Signature) Date Time Received by: (Signature) Date C. C. 27 2300 C. High Manual Control of the Control of						1. 70	5	/ 630 T1 T2 T3 T3 T3 T3 T3 T3 T3										
				ieous, O - Other	- Current				: g - g	glass,	p - pc	oly/pl	astic, ag - ambe						
Note: Samp samples is	iles are disc applicable o	arded 30 da nly to those	ays after resu e samples rec	ilts are reported un eived by the labora	less other arrangements are made. story with this COC. The liability of the	Hazardous s e laboratory	amples will is limited to	be ret	urned moun	to clie	ent or for or	dispo	sed of at the clie report.	nt exp	ense.	The re	port for the anal	ysis of the a	above

Project In	formatio	n				Chain	of Custod	У										Page 13	of 13
Project:	Tom Mat lanager:	thews 10	es Compan 24S 28E F ominguez	RB #203H	Attention: Jason Touch Address: 5400 LBJ Fre City, State, Zip: Dallas	et	1500	Lab	Lab Use Only Lab WO# Job Number 23502.0001 Analysis and Method						2D	TA 3D	Standard X	EPA Pr CWA	ogram SDWA RCRA
City, Stat Phone:	e, Zip: 575 393- pm@hur	Lovingto 3386	n, NM 882	60, NM, 8826	Phone: 3376523463 Email: jason.touchet@matadorresources.co			DRO/ORO by 8015	(O by 8015	8021	8260		300.0	NM	XT		NM CO	State UT AZ	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Depth	Lab Number	DRO/OF	GRO/DRO by	BTEX by 8021	VOC by	Metals 6010	Chloride	верос	BGDOC			Remarks	
	6-Jun	Soil	1		SP23	Surf	aı							X			2.6		
	6-Jun	Soil	1		SP23	1'	22							Х			3.5		
	6-Jun	Soil	1		SP23	2'	23							X			3.2		
	6-Jun	Soil	1		SP23	3'	24							X			3.1		
	6-Jun	Soil	1		SP23	4'	25							Х			3.8		
Addition	al Instruc	tions:				1													
date or time	of collection	is considered		ity of this sample. I ar	n aware that tampering with or intention action. Sampled by:	nally mislabelli		locatio	on,					above () but le	ss than 6	eived on ice the day th °C on subsequent day		d or received
Relinquishe Relinquishe	od bar (Signa	V	Date Date	6 25 140 Time	Received by: (Signature) Received by: (Signature)	zales	Date L-le-) Date (S	Time	400		Rece T1	eived on ice:	EY.	y N	se Onl			
Relinquishe	M		C. (1.2 Time 23	Received by: (Signature)	w	Date 0.7.	25	Time /O	00		AVG	Temp °C	<u>T2</u>	9.1	Vo:	<u>T3</u>		
Note: Samp	les are disc	arded 30 da	ays after resu		less other arrangements are made.		amples will	be ret	urned	to clie	ent or c		astic, ag - ambe sed of at the clie				eport for the anal	ysis of the a	bove

tor disposed of at the client expense. The report for the analysis of the above or on the report.

Page 2416.

Printed: 6/9/2025 12:07:51PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/07/25 1	0:00	Work Order ID:	E506058
Phone:	(972) 371-5200	Date Logged In:	06/06/25 1	5:50	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	06/13/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	No			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comme	nts/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>]		
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Tom Matthews	s 10 24S 28E RB
Sample (#203H has been separ	ated into 6 reports.
	sample cooler received?		Yes		WOs are E506053 to 1	•
	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		sampled and sampled	by not provided on
	custody/security seals present?		No		COC.	
	, were custody/security seals intact?		NA NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes	n aammanta		
	COC for individual sample temps. Samples outside	of 0 C-0 C will be	recorded i	n comments.		
	Container		7b. T			
	queous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	-9	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal		·				
	field sample labels filled out with the minimum infample ID?	ormation:	Yes			
	Date/Time Collected?		Yes	l		
	Collectors name?		No			
Sample I	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ase?	No			
27. If yes	, does the COC specify which phase(s) is to be anal	lyzed?	NA			
Subconti	ract Laboratory					
	amples required to get sent to a subcontract laborate	orv?	No			
	a subcontract laboratory specified by the client and	-		Subcontract Lab	: NA	
	nstruction					
Chent II	<u>iistructioii</u>					
1						
1						
1						

Date

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

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 481952

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1805132291
Incident Name	NAB1805132291 TOM MATTHEWS 10 24S 28E RB #203H @ 30-015-44561
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-44561] TOM MATTHEWS 10 24S 28E RB #203H

Location of Release Source							
Please answer all the questions in this group.							
Site Name	TOM MATTHEWS 10 24S 28E RB #203H						
Date Release Discovered	01/31/2018						
Surface Owner	Private						

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 193 BBL Recovered: 45 BBL Lost: 148 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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 2

Action 481952

QUEST	IONS (continued)
Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937 Action Number: 481952 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 s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
	idition immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report be adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 07/07/2025

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 3

Action 481952

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 1 and 100 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 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	Medium
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions to	hat apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	al extents of contamination been fully delineated	Yes
Was this release entirely c	ontained 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 CI B)	21000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date wi	On what estimated date will the remediation commence 05/21/2018	
On what date will (or did) to	he final sampling or liner inspection occur	06/06/2025
On what date will (or was)	On what date will (or was) the remediation complete(d) 06/01/2025	
What is the estimated surfa	What is the estimated surface area (in square feet) that will be reclaimed 0	
What is the estimated volu	me (in cubic yards) that will be reclaimed	0
What is the estimated surfa	What is the estimated surface area (in square feet) that will be remediated 21742	
What is the estimated volume (in cubic yards) that will be remediated 1610		
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.

Released to Imaging: 7/8/2025 2:04:14 PM

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 4

Action 481952

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	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	R360
(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: 07/07/2025

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.

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 5

Action 481952

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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 6

Action 481952

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	469969
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/06/2025
What was the (estimated) number of samples that were to be gathered	125
What was the sampling surface area in square feet	20000

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	21742		
What was the total volume (cubic yards) remediated	1610		
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	21742		
What was the total volume (in cubic yards) reclaimed	1610		
Summarize any additional remediation activities not included by answers (above)	Sampling activities were conducted in accordance with applicable NMOCD Regulations and approved sampling plan. Laboratory analytical results from closure confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.		

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: 07/07/2025

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 481952

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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 481952

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	481952
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created B	y Condition	Condition Date
scwells	None	7/8/2025