ENSOLUM

March 31, 2026

New Mexico Energy Minerals and Natural Resources Department
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Closure Request
Weinberger Federal Com 211H Well Pad
Incident Number nAPP2504854029
Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Weinberger Federal Com 211H Well Pad (Site). The Site is located in Unit L, Section 30, Township 24 South, Range 36 East, in Lea County, New Mexico (32.18874°, -103.30919°) and is associated with oil and gas exploration and production operations on Private Land.

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water. Based on field observations, field screening activities, and soil sampling laboratory analytical results, Matador is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2504854029.

BACKGROUND

On February 17, 2025, equipment failure resulted in the release of approximately 29 barrels (bbls) of produced water onto the pad impacting an area approximately 10,676 square feet in size; 25 bbls of produced water were recovered via vacuum truck; 4 bbls of produced were unrecoverable. Matador reported the release via Notification of Release (NOR) to the New Mexico Oil Conservation Division (NMOCD) on February 17, 2026, and submitted an Initial C-141 Application (C-141) on February 18, 2026. The release was subsequently assigned Incident Number nAPP2504854029.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on the initial C-141 application subsection, Site Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, CP-2106 POD1, located approximately 295 feet southeast of the

Site. The well was a soil boring drilled to assess depth to groundwater near the Site. The soil boring was advanced to a depth of approximately 105 feet below ground surface (bgs) on February 5, 2026, and measured on February 10, 2026, confirming depth to groundwater beneath the Site to be greater than 105 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation that suggest the Site is conducive to shallower groundwater conditions. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 560 feet west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

From September 16 through 18, 2025, Ensolum personnel were onsite to conduct lateral and vertical delineation sampling activities. Seven delineation soil samples (SS01 through SS07) were collected from around the release extent at ground surface and at 1-foot bgs to assess the lateral extent of release. Ensolum personnel returned to the Site on September 24, November 20, and November 21, 2025, to advance nine boreholes (BH01 through BH09) via hand auger and a truck-mounted air rotary drill rig within the release extent to assess the vertical extent of the release. Boreholes, BH01 through BH09 were advanced to depths ranging from 2 feet to 3 feet bgs. Discrete delineation soil samples were collected from each borehole and field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and PetroFLAG®, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. The delineation soil sample locations are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix C.

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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS07, collected around the release extent were all in compliance with the strictest Closure Criteria at depths ranging from ground surface to 1-foot bgs. Laboratory analytical results indicated TPH concentrations exceeded the Site Closure Criteria at ground surface in borehole BH06; laboratory analytical results indicated chloride concentrations exceeded the Site Closure Criteria at ground surface in borehole BH05.

Laboratory analytical results for the vertical delineation soil samples collected from boreholes BH01 through BH04 and BH07 through BH09 indicated all COC concentrations were in compliance with the with the strictest criteria at a depths ranging from ground surface to 3 feet. Laboratory analytical results for lateral delineation soil samples SS03A, SS03B, SS05A, and SS05B were all in compliance with the Site Closure Criteria. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix D.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on February 16, 2026, impacted and waste-containing soil was excavated from the on-pad spill area as indicated by visible staining, field screening activities, and laboratory analytical results from delineation soil samples. Excavation activities were performed using a backhoe and transport vehicles. To direct excavation activities, Ensolum personnel screened soil for chloride utilizing Hach® chloride QuanTab® test strips and for TPH utilizing a PetroFLAG® soil analyzer system, respectively. Due to the size of the release area, an Alternative Sampling Plan was submitted to the NMOCD on February 16, 2026, to increase the confirmation soil sampling area to 400 square-foot per sample be applied to the floor of the excavation and 200 square-foot per sample be applied to the sidewalls of the excavation. The Alternative Sampling Plan was approved by the NMOCD on February 18, 2026.

Following the removal of impacted and waste-containing soil, Ensolum personnel collected 5-point composite soil samples representing at least 400 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS50) were collected from the floor of the excavation at depths ranging from 0.5 feet to 1-foot bgs. Due to the shallow nature of the surface scrape, the sidewall soil samples were incorporated into the floor confirmation samples. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 19,727 square feet. A total of approximately 402 cubic yards of impacted and waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Disposal.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation floor soil samples (FS01 through FS50) indicated all COC concentrations were in compliance with the Site Closure Criteria at depth ranging from 0.5 feet to 1-foot bgs. Laboratory analytical results are summarized in Table 2, and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

The release extent has been laterally defined to the strictest Closure Criteria per NMOCD Table I by delineation soil samples SS01 through SS07, collected at ground surface and 1-foot bgs, and vertically by boreholes BH01 through BH09, collected at depths between 0.5 feet and 3 feet bgs. Excavation of the waste-containing soil area on-pad was completed, and excavation floor samples (FS01 through FS50), collected at depths ranging from 0.5 feet to 1-foot bgs, were all in compliance with the Site Closure Criteria.

Based on the remedial actions completed to date and a depth to groundwater greater than 101 feet bgs, Matador believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2504854029.

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

Sincerely,
Ensolum, LLC

Cole Burton
Project Manager

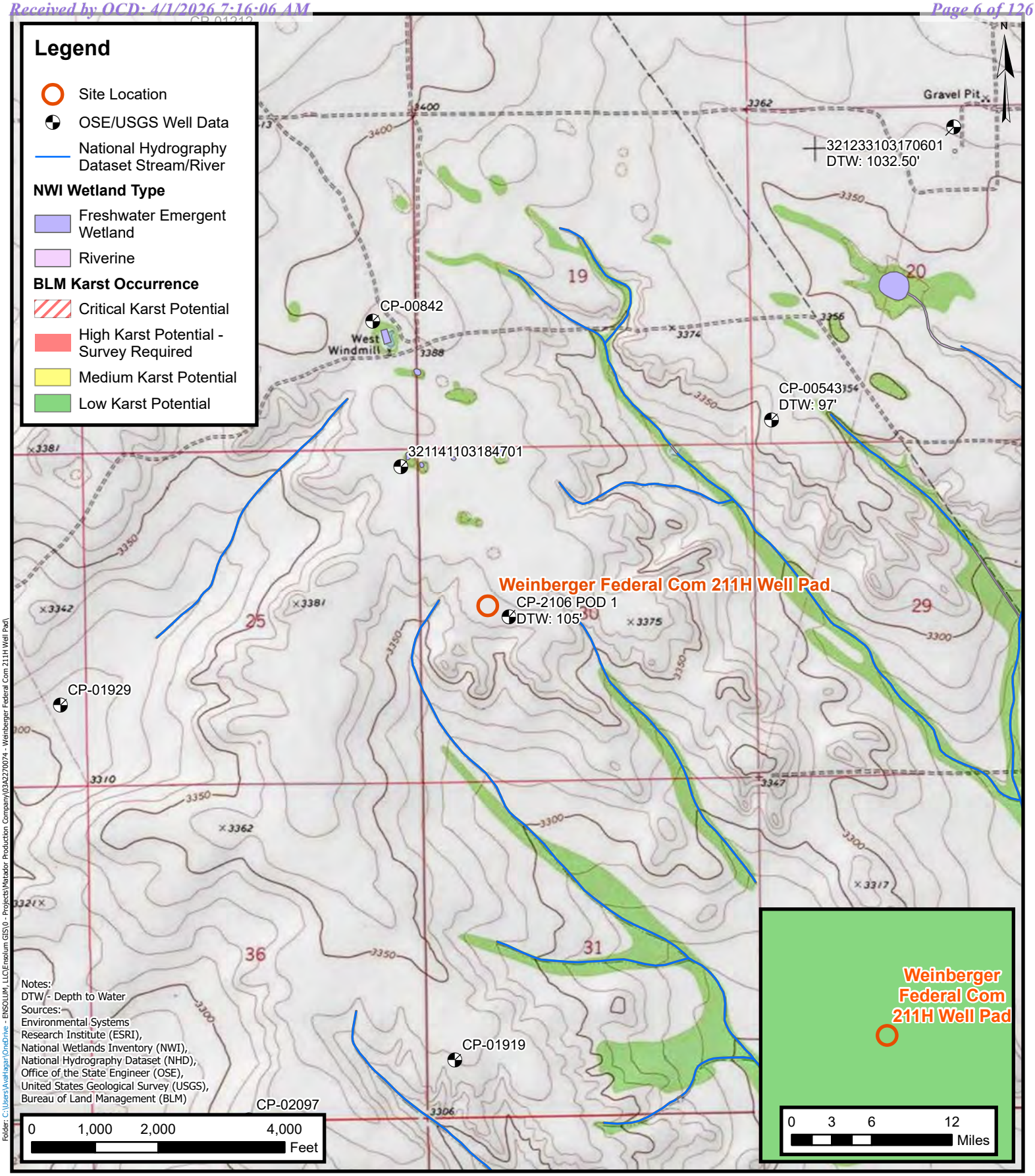
Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

Appendices:

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

ENSOLUM

FIGURES



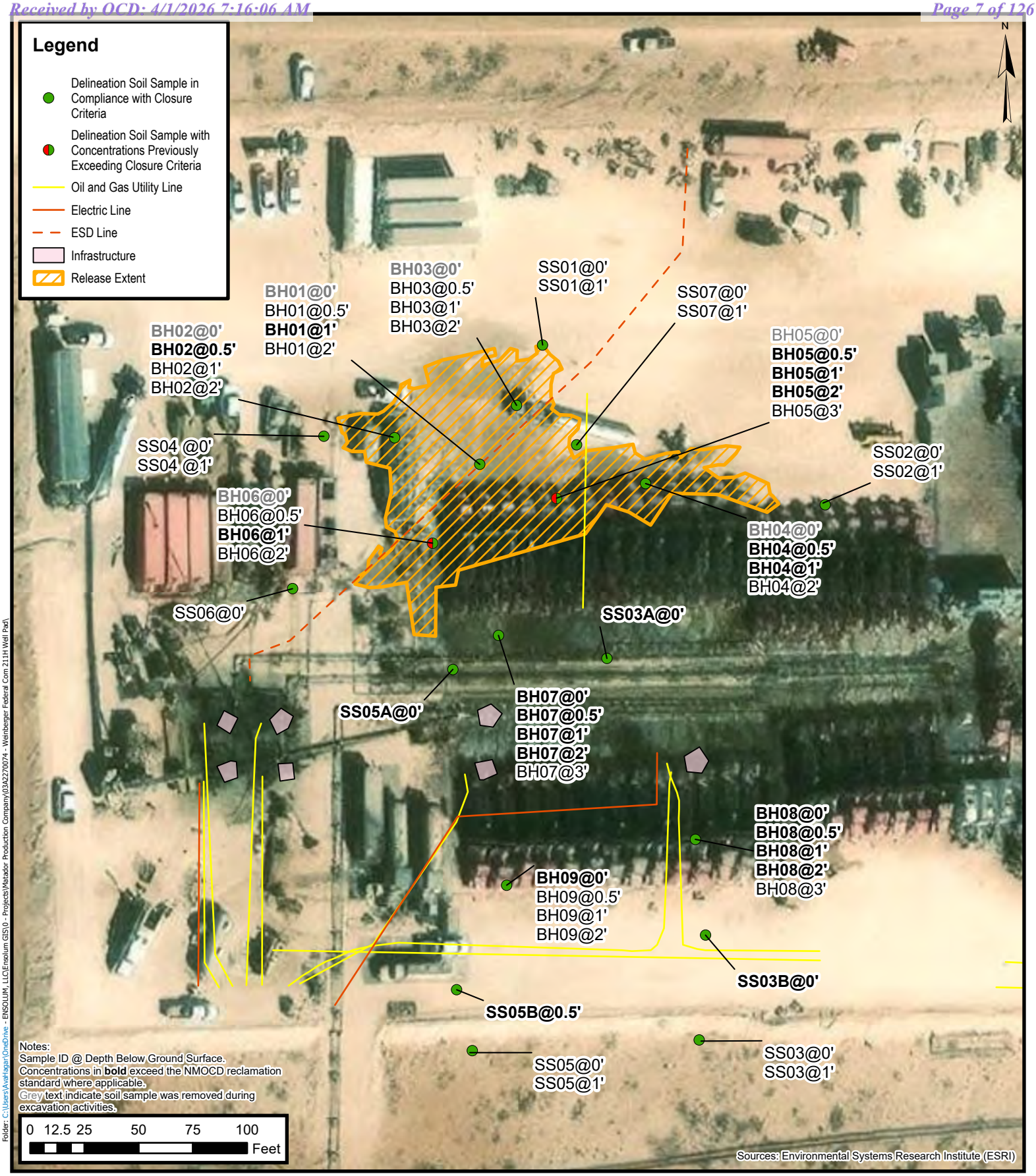
Folder: C:\Users\AveHagan\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Matador Production Company\03A2270074 - Weinberger Federal Com 211H Well Pad\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

Matador Production Company
Weinberger Federal Com 211H Well Pad
Incident Number: nAPP2504854029
Unit L, Section 30, T 24S, R 36E
Lea County, New Mexico

FIGURE 1



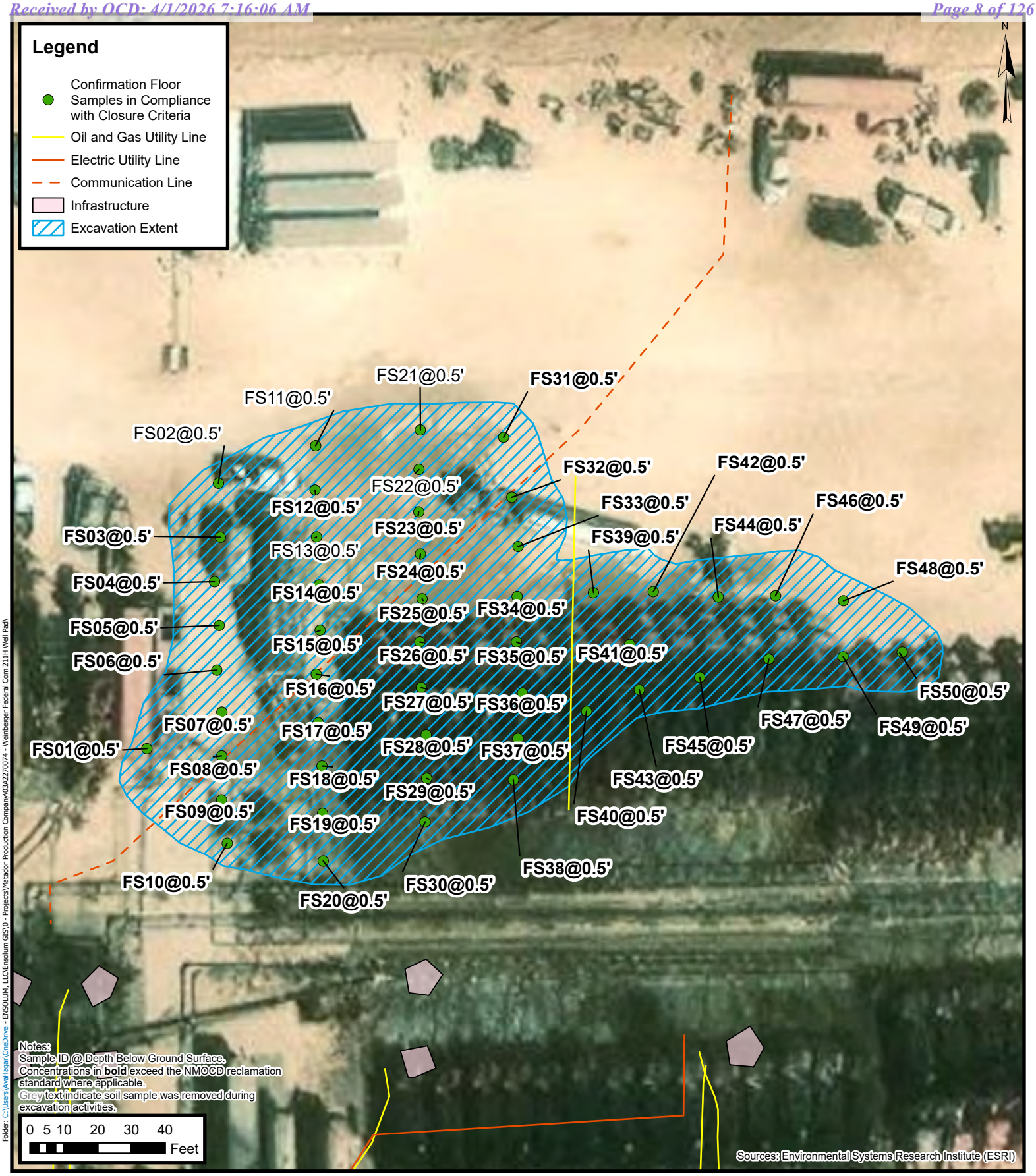
Folder: C:\Users\AveHagar\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Matador Production Company\03A2270074 - Weinberger Federal Com 211H Well Pad\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Locations

Matador Production Company
Weinberger Federal Com 211H Well Pad
Incident Number: nAPP2504854029
Unit L, Section 30, T 24S, R 36E
Lea County, New Mexico

FIGURE 2



Folder: C:\Users\AveHagar\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Matador Production Company\03A2270074 - Weinberger Federal Com 211H Well Pad\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Confirmation Soil Sample Location

Matador Production Company
Weinberger Federal Com 211H Well Pad
Incident Number: nAPP2504854029
Unit L, Section 30, T 24S, R 36E
Lea County, New Mexico

FIGURE 3

ENSOLUM

TABLES

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Weinberger Fed Com 211H Well Pad
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 100 feet bgs			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	9/16/2025	0	<0.0250	<0.0500	<20.0	31.9	<50.0	31.9	<50.0	415
SS01	9/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	204
SS02	9/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	376
SS02	9/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	544
SS03	9/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.0
SS03	9/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.4
SS03A	2/19/2026	0	<0.0250	<0.0500	<20.0	30.6	<50.0	30.6	<50.0	**6,060**
SS03B	2/24/2026	0	<0.0250	<0.0500	<20.0	75.0	<50.0	75.0	75.0	**955**
SS04	9/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	487
SS04	9/17/2025	1	<0.0250	<0.0500	<20.0	31.1	<50.0	31.1	<50.0	453
SS05	9/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.5
SS05	9/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
SS05A	2/24/2026	0	<0.0250	<0.0500	<20.0	478	830	478	**1,308**	**3,110**
SS05B	2/24/2026	0.5	<0.0250	<0.0500	<20.0	79.0	126.0	79.0	**205**	**1,090**
SS06	11/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	537
SS07	9/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	524
SS07	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	537
BH01	9/24/2025	0	<0.0250	<0.0500	<20.0	41.7	<50.0	41.7	<50.0	**784**
BH01	9/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	489
BH01	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,290**
BH01	9/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	233
BH02	11/20/2025	0	<0.0250	<0.0500	<20.0	173	138	173	**311**	**2,850**
BH02	11/20/2025	0.5	<0.0250	<0.0500	<20.0	85.7	98.5	85.7	**184.2**	**1,060**
BH02	11/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	312
BH02	11/20/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	268
BH03	11/20/2025	0	<0.0250	<0.0500	<20.0	266	301	266	**567**	**4,700**
BH03	11/20/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	384
BH03	11/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.7
BH03	11/20/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.7
BH04	11/20/2025	0	<0.0250	<0.0500	<20.0	662	933	662	**1,595**	**9,470**
BH04	11/20/2025	0.5	<0.0250	<0.0500	<20.0	42.9	76.0	42.9	**119**	**1,100**
BH04	11/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,130**
BH04	11/20/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	220

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS - Continued
Weinberger Fed Com 211H Well Pad
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29) reflective of depth to groundwater greater than 100 feet bgs			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
BH05	11/20/2025	0	<0.0250	<0.0500	<20.0	636	912	636	**1,548**	**23,300**
BH05	11/20/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**4,150**
BH05	11/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,990**
BH05	11/20/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,200**
BH05	11/20/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	419
BH06	11/20/2025	0	<0.0250	<0.0500	<20.0	3,880	468	3,880	**4,348**	**4,220**
BH06	11/20/2025	0.5	<0.0250	<0.0500	<20.0	319	<50.0	319	**319**	551
BH06	11/20/2025	1	<0.0250	<0.0500	<20.0	272	<50.0	272	**272**	**1,030**
BH06	11/20/2025	2	<0.0250	<0.0500	<20.0	72.3	<50.0	72.3	72.3	293
BH07	11/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,700**
BH07	11/21/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**5,310**
BH07	11/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,000**
BH07	11/21/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,180**
BH07	11/21/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	500
BH08	11/20/2025	0	<0.0250	<0.0500	<20.0	34.7	61.2	34.7	95.9	**12,600**
BH08	11/20/2025	0.5	<0.0250	<0.0500	<20.0	29.5	<50.0	29.5	<50.0	**5,660**
BH08	11/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,670**
BH08	11/20/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,540**
BH08	11/20/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	253
BH09	11/21/2025	0	<0.0250	<0.0500	<20.0	125	122.0	125	**247**	**4,550**
BH09	11/21/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	898
BH09	11/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	182
BH09	11/21/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	147

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Grey text represents samples that have been excavated
*Concentrations in **bold** exceed the NMOCD reclamation standard where applicable.*
*Concentrations in **red** exceed the NMOCD Table I Closure Criteria where applicable.*
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
"<": Laboratory Analytical result is less than reporting limit
** Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.*

ENSOLUM

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
Weinberger Fed Com 211H Well Pad
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Floor Soil Samples										
FS01	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,780**
FS02	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	370
FS03	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**662**
FS04	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,460**
FS05	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,510**
FS06	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,760**
FS07	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,440**
FS08	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,800**
FS09	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**5,000**
FS10	2/17/2026	0.5	<0.0250	<0.0500	<20.0	279	326.0	279	**605**	**6,100**
FS11	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	351
FS12	2/19/2026	1	<0.0250	<0.0500	<20.0	526	<50.0	526	**526**	487
FS13	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	309
FS14	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**950**
FS15	2/17/2026	0.5	<0.0250	<0.0500	<20.0	28.4	<50.0	28.4	28.4	**2,540**
FS16	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,380**
FS17	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,420**
FS18	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**6,870**
FS19	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,890**
FS20	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**8,020**
FS21	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	354
FS22	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**849**
FS23	2/18/2026	0.5	<0.0250	<0.0500	<20.0	67.7	<50.0	67.7	67.7	**1,130**
FS24	2/18/2026	0.5	<0.0250	<0.0500	<20.0	26.2	<50.0	26.2	<50.0	**1,650**
FS25	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,320**
FS26	2/17/2026	0.5	<0.0250	<0.0500	<20.0	30.3	63.2	30.3	93.5	**2,520**
FS27	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,650**
FS28	2/17/2026	0.5	<0.0250	<0.0500	<20.0	227	<50.0	227	**227**	**8,700**
FS29	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,920**
FS30	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**9,450**
FS31	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,000**

ENSOLUM

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
Weinberger Fed Com 211H Well Pad
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**600**
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
Excavation Floor Soil Samples										
FS32	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,310**
FS33	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,600**
FS34	2/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,320**
FS35	2/17/2026	0.5	<0.0250	<0.0500	<20.0	48.3	<50.0	48.3	48.3	**3,660**
FS36	2/17/2026	0.5	<0.0250	<0.0500	<20.0	128	<50.0	128	**128**	**4,320**
FS37	2/19/2026	0.5	<0.0250	<0.0500	<20.0	161	<50.0	161	**161**	**9,690**
FS38	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,750**
FS39	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,320**
FS40	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**9,490**
FS41	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,840**
FS42	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,280**
FS43	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,510**
FS44	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,580**
FS45	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**7,560**
FS46	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**4,660**
FS47	2/19/2026	0.5	<0.0250	<0.0500	<20.0	871	<50.0	871	**871**	**6,020**
FS48	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**5,310**
FS49	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**13,100**
FS50	2/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,940**

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

ENSOLUM

APPENDIX A

Well Record and Log

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		CP-2106

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Matador Production Company	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
5400 Lyndon B Johnson FWY Suite 1500	Dallas	TX	75240

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	11	17.71	N
	LONGITUDE	103	18	29.16	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

S30 T24s R36e

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
2-5-26	2-5-26	105'	105'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 2-10-26

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	105'	6'	No casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	5'	5'	Caliche	Y ✓ N	
5'	10'	5'	Sandy Caliche	Y ✓ N	
10'	30'	20'	Sand	Y ✓ N	
30'	40'	10'	Sandy Caliche	Y ✓ N	
40'	55'	15'	Sand	Y ✓ N	
55'	65'	10'	Sandy Caliche	Y ✓ N	
65'	105'	40'	Sand	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DTGW Bore

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 2-9-26 at the Matador Weinberger Remediation site. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cuttings to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

2-10-26 — DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2106 Pod 1

Well owner: Matador Production Company Phone No.: (337) 652-3463

Mailing address: 5400 Lyndon B Johnson FWY Suite 1500

City: Dallas State: TX Zip code: 75240

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: H&R Enterprises, LLC

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer

4) Date well plugging began: 2-10-26 Date well plugging concluded: 2-10-26

5) GPS Well Location: Latitude: 32 deg, 11 min, 17.71 sec
Longitude: 103 deg, 18 min, 29.16 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: well sounder

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 1/22/26

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0' - 10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	pour	
	10' - 105' Drill Cuttings	Approx. 140 gallons	140 Gallons	pour	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller — Date: 2/10/26

Version: September 8, 2009
Page 2 of 2

ENSOLUM

APPENDIX B

Lithologic Soil Sampling Logs

ENSOLUM

	Sample Name: BH01	Date: 09/24/2025
	Site Name: Weinberger Fed Com	
	Incident Number: nAPP2504854029	
	Job Number: 03A2270074	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JM	Method: Hand Auger
Coordinates: 32.188887, -103.309227	Hole Diameter: 3"	Total Depth: 3.5'

Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer System for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
				BH01	0	0		
				BH01	0.5			
				BH01	1	1		
D	246	31	N	BH01	2	2	CCHE	0 - 3.5' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
	246	19			3	3		

Total Depth @ 3.5 ft bgs.

ENSOLUM

Sample Name: BH02	Date: 11/20/2025	
Site Name: Weinberger Federal Com 211H Well Pad		
Incident Number: nAPP2504854029		
Job Number: 03A2270074		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1889227, -103.3093536	Hole Diameter: 6"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride . Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	246		Y N	BH02 BH02 BH02 BH02	0 0.5 1 2	0 1 2	CCHE	0 - 2' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive

Total Depth @ 2 ft bgs.

ENSOLUM

	Sample Name: BH03	Date: 11/20/2025
	Site Name: Weinberger Federal Com 211H Well Pad	
	Incident Number: nAPP2504854029	
	Job Number: 03A2270074	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1889610, -103.3091719	Hole Diameter: 6"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride . Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH03	0	0		
				BH03	0.5			
D			N	BH03	1	1	CCHE	0 - 2' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D	<128			BH03	2	2		

Total Depth @ 2ft bgs.

ENSOLUM

	Sample Name: BH04	Date: 11/20/2025
	Site Name: Weinberger Federal Com 211H Well Pad	
	Incident Number: nAPP2504854029	
	Job Number: 03A2270074	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1888597, -103.3089805	Hole Diameter: 6"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH04	0	0		
D				BH04	0.5			
D			N	BH04	1	1	CCHE	0 - 2' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D	246	15		BH04	2	2		

Total Depth @ 2 ft bgs.

ENSOLUM

	Sample Name: BH05	Date: 11/20/2025
	Site Name: Weinberger Federal Com 211H Well Pad	
	Incident Number: nAPP2504854029	
	Job Number: 03A2270074	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1888433, -103.3091139	Hole Diameter: 6"	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH05	0	0	CCHE	0 - 3' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D				BH05	0.5			
D				BH05	1	1		
			N					
D	2,744			BH05	2	2		
D	330	13		BH05	3	3		

Total Depth @ 3 ft bgs.

ENSOLUM

Sample Name: BH06	Date: 11/20/2025	
Site Name: Weinberger Federal Com 211H Well Pad		
Incident Number: nAPP2504854029		
Job Number: 03A2270074		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1887882, -103.3092993	Hole Diameter: 6"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride . Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH06	0	0		
D				BH06	0.5			
D			N	BH06	1	1	CCHE	0 - 2' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D	246			BH06	2	2		

Total Depth @ 2 ft bgs.

ENSOLUM	Sample Name: BH07	Date: 11/21/2025
	Site Name: Weinberger Federal Com 211H Well Pad	
	Incident Number: nAPP2504854029	
	Job Number: 03A2270074	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1886699, -103.3092027	Hole Diameter: 6"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride . Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D				BH07	0	0		
D				BH07	0.5			
D				BH07	1	1		
D	1,691		N	BH07	2	2	CCHE	0 - 4' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D	482			BH07	3	3		
D	<128				4	4		

Total Depth @ 4 ft bgs.

ENSOLUM

	Sample Name: BH08	Date: 11/20/2025
	Site Name: Weinberger Federal Com 211H Well Pad	
	Incident Number: nAPP2504854029	
	Job Number: 03A2270074	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1884075, -103.3089157	Hole Diameter: 6"	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride . Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D				BH08	0	0	CCHE	0 - 3' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D				BH08	0.5			
D				BH08	1	1		
			N					
D	1,254			BH08	2	2		
D	375			BH08	3	3		

Total Depth @ 3 ft bgs.

ENSOLUM

Sample Name: BH09	Date: 11/21/2025	
Site Name: Weinberger Federal Com 211H Well Pad		
Incident Number: nAPP2504854029		
Job Number: 03A2270074		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: H.Gonzalez	Method: Air Rotary
Coordinates: 32.1883524, -103.3091974	Hole Diameter: 6"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride . Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D				BH09	0	0		
D				BH09	0.5			
D			N	BH09	1	1	CCHE	0 - 2' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive, Massive
D	<128			BH09	2	2		

Total Depth @ 2 ft bgs.

ENSOLUM

APPENDIX C

Photographic Log

ENSOLUM

Photographic Log

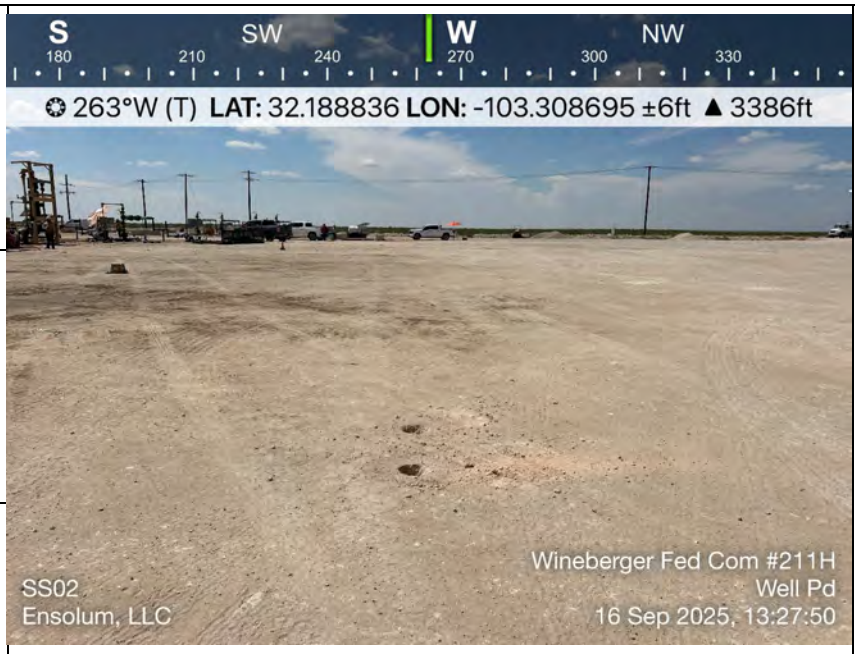
Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 1	Date 2/17/2025	
Description Site Investigation		
View South		
Photograph 2	Date 2/17/2025	
Description Site Investigation		
View South		

ENSOLUM

Photographic Log

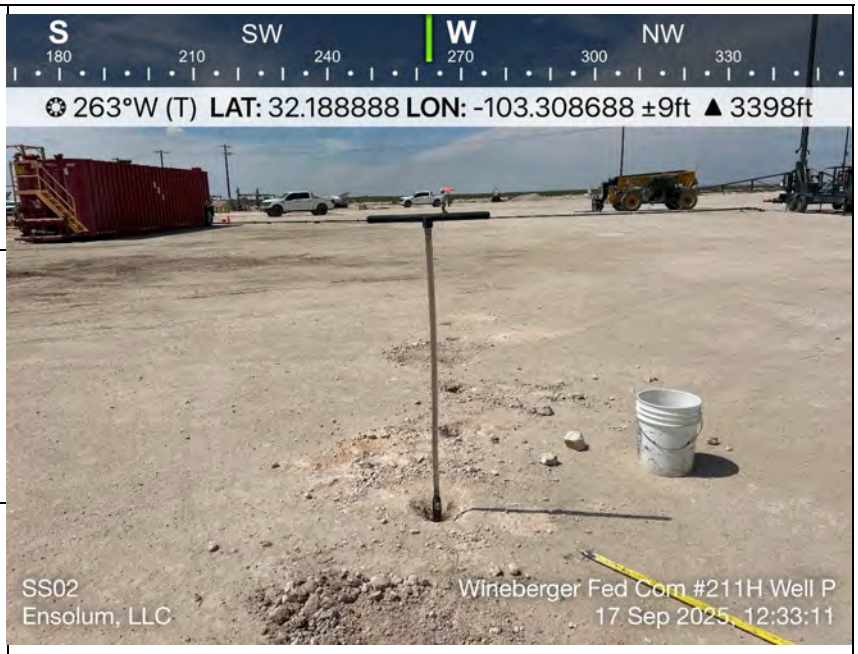
Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 3	Date 9/16/2025	
Description Delineation		
View West		
Photograph 4	Date 9/16/2025	
Description Delineation		
View East		

ENSOLUM

Photographic Log

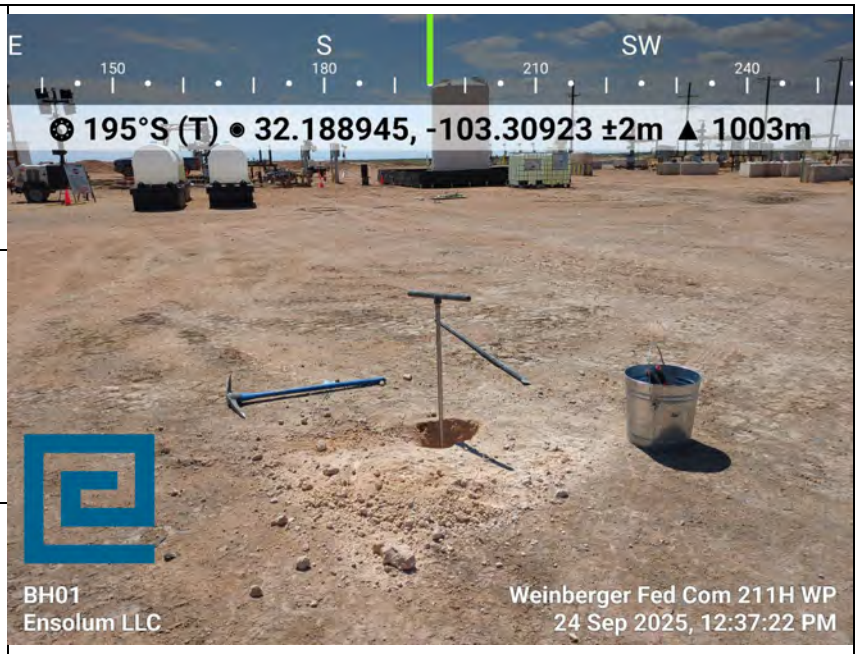
Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 5	Date 9/17/2025	
Description Delineation		
View West		
Photograph 6	Date 9/18/2025	
Description Delineation		
View North		

ENSOLUM

Photographic Log

Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 7	Date 9/24/2025	
Description Delineation		
View South		
Photograph 8	Date 11/20/2025	
Description Delineation		
View Northeast		

ENSOLUM

Photographic Log

Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 9	Date 11/21/2025	
Description Delineation		
View Northeast		
Photograph 10	Date 2/16/2026	
Description Hydro-vac		
View Northeast		

ENSOLUM

Photographic Log

Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 11	Date 2/17/2026	
Description Excavation		
View Northwest		
Photograph 12	Date 2/18/2026	
Description Excavation		
View South		

ENSOLUM

Photographic Log

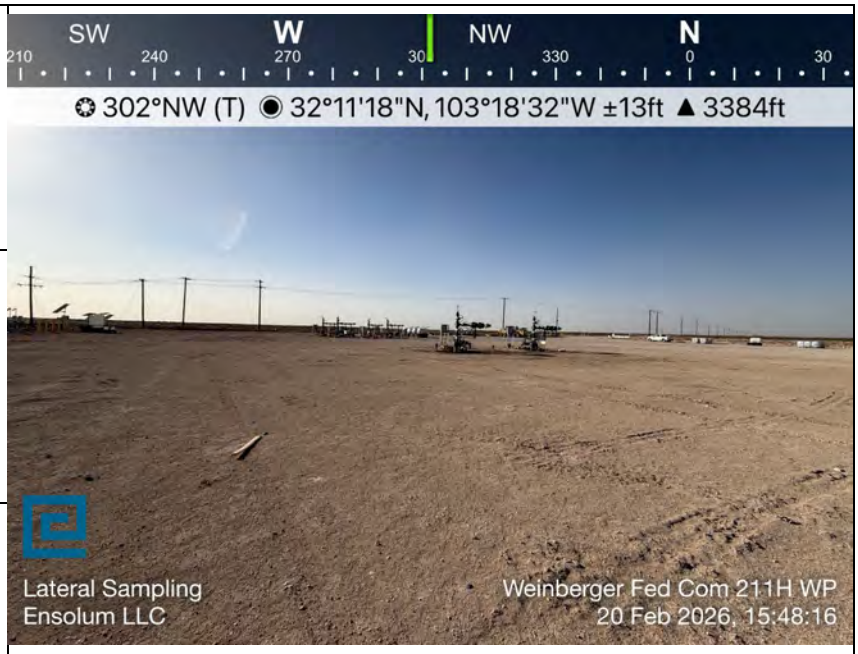
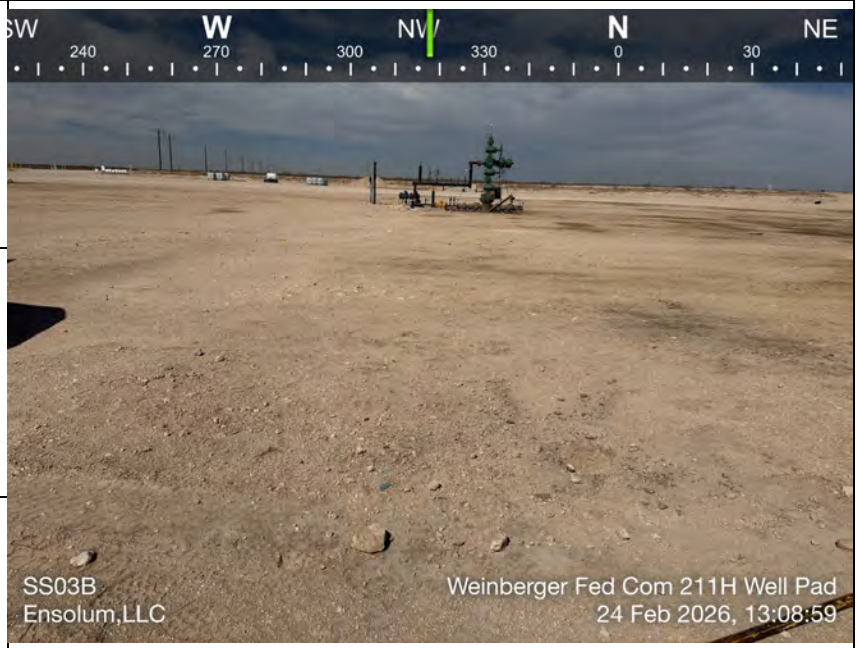
Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 13	Date 2/19/2026	
Description Excavation		
View North		
Photograph 14	Date 2/19/2026	
Description Excavation		
View North		

ENSOLUM

Photographic Log

Matador Production Company
Weinberger Federal Com 211H Well Pad
nAPP2504854029

Photograph 15	Date 2/20/2026	
Description Delineation		
View Northwest		
Photograph 16	Date 2/24/2026	
Description Delineation		
View Northwest		

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Weinberger Fed Com 211H Well Pad
Work Order:	E509183
Job Number:	23003-0002
Received:	9/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

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: 9/24/25

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

Project Name: Weinberger Fed Com 211H Well Pad
Workorder: E509183
Date Received: 9/18/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/18/2025 7:45:00AM, under the Project Name: Weinberger Fed Com 211H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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 4

Sample Data 5

SS01-0’ 5

SS01-1’ 6

QC Summary Data 7

QC - Volatile Organics by EPA 8021B 7

QC - Nonhalogenated Organics by EPA 8015D - GRO 8

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 9

QC - Anions by EPA 300.0/9056A 10

Definitions and Notes 11

Chain of Custody etc. 12

Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/24/25 09:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E509183-01A	Soil	09/16/25	09/18/25	Glass Jar, 2 oz.
SS01-1'	E509183-02A	Soil	09/16/25	09/18/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 9:19:19AM

SS01-0'

E509183-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2538088
Benzene	ND	0.0250	1	09/18/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/18/25	09/19/25	
Toluene	ND	0.0250	1	09/18/25	09/19/25	
o-Xylene	ND	0.0250	1	09/18/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/18/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/18/25	09/19/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*09/18/25*	*09/19/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2538088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/25	09/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*09/18/25*	*09/19/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2538086
Diesel Range Organics (C10-C28)	**31.9**	25.0	1	09/18/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/18/25	09/19/25	
Surrogate: n-Nonane		*94.5 %*	*61-141*	*09/18/25*	*09/19/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2538102
Chloride	**415**	20.0	1	09/18/25	09/19/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 9:19:19AM

SS01-1'

E509183-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2538088
Benzene	ND	0.0250	1	09/18/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/18/25	09/19/25	
Toluene	ND	0.0250	1	09/18/25	09/19/25	
o-Xylene	ND	0.0250	1	09/18/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/18/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/18/25	09/19/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*09/18/25*	*09/19/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2538088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/25	09/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*09/18/25*	*09/19/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2538086
Diesel Range Organics (C10-C28)	ND	25.0	1	09/18/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/18/25	09/19/25	
Surrogate: n-Nonane		*97.1 %*	*61-141*	*09/18/25*	*09/19/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2538102
Chloride	**204**	20.0	1	09/18/25	09/19/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 9:19:19AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538088-BLK1)									Prepared: 09/18/25 Analyzed: 09/19/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.7*	*70-130*			
LCS (2538088-BS1)									Prepared: 09/18/25 Analyzed: 09/19/25
Benzene	4.52	0.0250	5.00		90.4	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.1	70-130			
Toluene	4.55	0.0250	5.00		91.1	70-130			
o-Xylene	4.58	0.0250	5.00		91.6	70-130			
p,m-Xylene	9.11	0.0500	10.0		91.1	70-130			
Total Xylenes	13.7	0.0250	15.0		91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.7*	*70-130*			
Matrix Spike (2538088-MS1)				**Source: E509179-01**					Prepared: 09/18/25 Analyzed: 09/19/25
Benzene	3.88	0.0250	5.00	ND	77.6	70-130			
Ethylbenzene	3.85	0.0250	5.00	ND	77.0	70-130			
Toluene	3.90	0.0250	5.00	ND	77.9	70-130			
o-Xylene	3.96	0.0250	5.00	ND	79.2	70-130			
p,m-Xylene	7.82	0.0500	10.0	ND	78.2	70-130			
Total Xylenes	11.8	0.0250	15.0	ND	78.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.8*	*70-130*			
Matrix Spike Dup (2538088-MSD1)				**Source: E509179-01**					Prepared: 09/18/25 Analyzed: 09/19/25
Benzene	4.24	0.0250	5.00	ND	84.8	70-130	8.86	27	
Ethylbenzene	4.21	0.0250	5.00	ND	84.3	70-130	9.06	26	
Toluene	4.27	0.0250	5.00	ND	85.3	70-130	9.08	20	
o-Xylene	4.32	0.0250	5.00	ND	86.3	70-130	8.63	25	
p,m-Xylene	8.53	0.0500	10.0	ND	85.3	70-130	8.76	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.7	70-130	8.72	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.27*		*8.00*		*90.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 9:19:19AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538088-BLK1)									Prepared: 09/18/25 Analyzed: 09/19/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*90.9*	*70-130*			
LCS (2538088-BS2)									Prepared: 09/18/25 Analyzed: 09/19/25
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike (2538088-MS2)				**Source: E509179-01**					Prepared: 09/18/25 Analyzed: 09/19/25
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.05*		*8.00*		*88.2*	*70-130*			
Matrix Spike Dup (2538088-MSD2)				**Source: E509179-01**					Prepared: 09/18/25 Analyzed: 09/19/25
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	90.9	70-130	7.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 9:19:19AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538086-BLK1)									Prepared: 09/18/25 Analyzed: 09/18/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.9*		*50.0*		*97.9*	*61-141*			
LCS (2538086-BS1)									Prepared: 09/18/25 Analyzed: 09/18/25
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.1*	*61-141*			
Matrix Spike (2538086-MS1)				**Source: E509163-03**					Prepared: 09/18/25 Analyzed: 09/18/25
Diesel Range Organics (C10-C28)	278	25.0	250	35.5	96.8	56-156			
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*61-141*			
Matrix Spike Dup (2538086-MSD1)				**Source: E509163-03**					Prepared: 09/18/25 Analyzed: 09/18/25
Diesel Range Organics (C10-C28)	272	25.0	250	35.5	94.7	56-156	1.93	20	
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 9:19:19AM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538102-BLK1)									Prepared: 09/18/25 Analyzed: 09/19/25
Chloride	ND	20.0							
LCS (2538102-BS1)									Prepared: 09/18/25 Analyzed: 09/19/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2538102-MS1)				**Source: E509184-04**					Prepared: 09/18/25 Analyzed: 09/19/25
Chloride	6410	100	250	6090	129	80-120			M4
Matrix Spike Dup (2538102-MSD1)				**Source: E509184-04**					Prepared: 09/18/25 Analyzed: 09/19/25
Chloride	6330	100	250	6090	94.7	80-120	1.34	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:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/24/25 09:19

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

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

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

envirotech Analytical Lab

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E509183	1D 2D 3D Std	NM CO UT TX
Project Name: Weinberger Fed Com 211H Well Pad	Address: 3122 National Parks Hwy	Job Number 23053.4002	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
10:39	9/16/2025	Soil	1	SS01 - 0'		1									x			4.0	
10:47	9/16/2025	Soil	1	SS01 - 1'		2									x			4.2	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/17/25	7:11	Michelle Gonzales	9-17-25	0711
Michelle Gonzales	9-17-25	1545	Marissa Gonzales	9-17-25	1545
Marissa Gonzales	9-17-25	1925	Andrew Musso	9.17.25	1925
Andrew Musso	9.17.25	2345	Caitlin Mars	9.18.25	745
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

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

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

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

Envirotech Analytical Laboratory

Printed: 9/18/2025 10:40:58AM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	09/18/25 07:45	Work Order ID:	E509183
Phone:	(972) 371-5200	Date Logged In:	09/18/25 09:12	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/24/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Weinberger Fed Com 211H Well Pad
Work Order:	E509201
Job Number:	23003-0002
Received:	9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

Date Reported: 9/24/25

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

Project Name: Weinberger Fed Com 211H Well Pad
Workorder: E509201
Date Received: 9/19/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Weinberger Fed Com 211H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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 4

Sample Data 5

SS02-0’ 5

SS02-1’ 6

SS04-0’ 7

SS04-1’ 8

QC Summary Data 9

QC - Volatile Organics by EPA 8021B 9

QC - Nonhalogenated Organics by EPA 8015D - GRO 10

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 11

QC - Anions by EPA 300.0/9056A 12

Definitions and Notes 13

Chain of Custody etc. 14

Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/24/25 13:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E509201-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
SS02-1'	E509201-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
SS04-0'	E509201-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
SS04-1'	E509201-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

SS02-0'

E509201-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane		*97.3 %*	*61-141*	*09/19/25*	*09/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2538132
Chloride	**376**	20.0	1	09/19/25	09/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

SS02-1'

E509201-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane		*96.2 %*	*61-141*	*09/19/25*	*09/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2538132
Chloride	**544**	200	10	09/19/25	09/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

SS04-0'

E509201-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane		*97.5 %*	*61-141*	*09/19/25*	*09/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2538132
Chloride	**487**	200	10	09/19/25	09/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

SS04-1'

E509201-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*09/19/25*	*09/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2538115
Diesel Range Organics (C10-C28)	**31.1**	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane		*97.2 %*	*61-141*	*09/19/25*	*09/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2538132
Chloride	**453**	20.0	1	09/19/25	09/20/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538113-BLK1)									Prepared: 09/19/25 Analyzed: 09/19/25
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	*7.67*		*8.00*		*95.9*	*70-130*			
LCS (2538113-BS1)									Prepared: 09/19/25 Analyzed: 09/19/25
Benzene	4.20	0.0250	5.00		84.0	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.8	70-130			
Toluene	4.39	0.0250	5.00		87.9	70-130			
o-Xylene	4.51	0.0250	5.00		90.3	70-130			
p,m-Xylene	9.04	0.0500	10.0		90.4	70-130			
Total Xylenes	13.6	0.0250	15.0		90.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.6*	*70-130*			
Matrix Spike (2538113-MS1)				**Source: E509198-04**					Prepared: 09/19/25 Analyzed: 09/19/25
Benzene	4.68	0.0250	5.00	ND	93.7	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	4.89	0.0250	5.00	ND	97.7	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			
Matrix Spike Dup (2538113-MSD1)				**Source: E509198-04**					Prepared: 09/19/25 Analyzed: 09/19/25
Benzene	4.83	0.0250	5.00	ND	96.6	70-130	3.09	27	
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130	3.17	26	
Toluene	5.04	0.0250	5.00	ND	101	70-130	3.13	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	3.16	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	3.15	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	3.16	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538113-BLK1)									Prepared: 09/19/25 Analyzed: 09/19/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.43*		*8.00*		*105*	*70-130*			
LCS (2538113-BS2)									Prepared: 09/19/25 Analyzed: 09/19/25
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.54*		*8.00*		*107*	*70-130*			
Matrix Spike (2538113-MS2)				**Source: E509198-04**					Prepared: 09/19/25 Analyzed: 09/20/25
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.38*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2538113-MSD2)				**Source: E509198-04**					Prepared: 09/19/25 Analyzed: 09/20/25
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	19.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.42*		*8.00*		*105*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538115-BLK1)									Prepared: 09/19/25 Analyzed: 09/19/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.4*		*50.0*		*94.8*	*61-141*			
LCS (2538115-BS1)									Prepared: 09/19/25 Analyzed: 09/19/25
Diesel Range Organics (C10-C28)	247	25.0	250		98.7	66-144			
Surrogate: n-Nonane	*46.6*		*50.0*		*93.3*	*61-141*			
Matrix Spike (2538115-MS1)				**Source: E509199-06**					Prepared: 09/19/25 Analyzed: 09/19/25
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	*49.7*		*50.0*		*99.3*	*61-141*			
Matrix Spike Dup (2538115-MSD1)				**Source: E509199-06**					Prepared: 09/19/25 Analyzed: 09/19/25
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.99	20	
Surrogate: n-Nonane	*48.4*		*50.0*		*96.9*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/24/2025 1:12:02PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538132-BLK1)									Prepared: 09/19/25 Analyzed: 09/20/25
Chloride	ND	20.0							
LCS (2538132-BS1)									Prepared: 09/19/25 Analyzed: 09/20/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2538132-MS1)				**Source: E509199-06**					Prepared: 09/19/25 Analyzed: 09/20/25
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2538132-MSD1)				**Source: E509199-06**					Prepared: 09/19/25 Analyzed: 09/20/25
Chloride	264	20.0	250	ND	106	80-120	0.718	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:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/24/25 13:12

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E509201	1D 2D 3D Std	NM CO UT TX
Project: Weinberger Federal Com 211H Well Pad	Address: 3122 National Parks Hwy	Job Number 23103.0052	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
10:28	9/17/2025	S	1	SS02-0'		1						X			35
12:33	9/17/2025	S	1	SS02-1'		2						X			2.9
10:40	9/17/2025	S	1	SS04-0'		3						X			4.0
12:38	9/17/2025	S	1	SS04-1'		4						X			3.8

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/18/25	7:11	Michelle Gonzales	9-18-25	0711
Michelle Gonzales	9-18-25	1500	Marissa Gonzales	9-18-25	1500
Marissa Gonzales	9-18-25	1905	Andrew Musso	9-18-25	1905
Andrew Musso	9-18-25	2400	Caitlin Mason	9-19-25	745

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 9/19/2025 1:32:20PM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	09/19/25 07:45	Work Order ID:	E509201
Phone:	(972) 371-5200	Date Logged In:	09/18/25 16:26	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Weinberger Fed Com 211H Well Pad
Work Order:	E509221
Job Number:	23003-0002
Received:	9/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/25/25

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

Date Reported: 9/25/25

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

Project Name: Weinberger Fed Com 211H Well Pad
Workorder: E509221
Date Received: 9/22/2025 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/22/2025 6:00:00AM, under the Project Name: Weinberger Fed Com 211H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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 4

Sample Data 5

SS03 - 0’ 5

SS03 - 1’ 6

SS05 - 0’ 7

SS05 - 1’ 8

QC Summary Data 9

QC - Volatile Organics by EPA 8021B 9

QC - Nonhalogenated Organics by EPA 8015D - GRO 10

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 11

QC - Anions by EPA 300.0/9056A 12

Definitions and Notes 13

Chain of Custody etc. 14

Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/25/25 17:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03 - 0'	E509221-01A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.
SS03 - 1'	E509221-02A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.
SS05 - 0'	E509221-03A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.
SS05 - 1'	E509221-04A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

SS03 - 0'

E509221-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*118 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*118 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		*98.0 %*	*61-141*	*09/22/25*	*09/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2539068
Chloride	**23.0**	20.0	1	09/23/25	09/23/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

SS03 - 1'

E509221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*119 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*119 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		*98.1 %*	*61-141*	*09/22/25*	*09/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2539068
Chloride	**33.4**	20.0	1	09/23/25	09/23/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

SS05 - 0'

E509221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*121 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*119 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		*94.9 %*	*61-141*	*09/22/25*	*09/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2539068
Chloride	**64.5**	20.0	1	09/23/25	09/23/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

SS05 - 1'

E509221-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*123 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*121 %*	*70-130*	*09/22/25*	*09/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		*95.1 %*	*61-141*	*09/22/25*	*09/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2539068
Chloride	**136**	20.0	1	09/23/25	09/23/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539010-BLK1)									Prepared: 09/22/25 Analyzed: 09/24/25
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	*8.97*		*8.00*		*112*	*70-130*			
LCS (2539010-BS1)									Prepared: 09/22/25 Analyzed: 09/24/25
Benzene	3.78	0.0250	5.00		75.7	70-130			
Ethylbenzene	3.90	0.0250	5.00		77.9	70-130			
Toluene	3.88	0.0250	5.00		77.6	70-130			
o-Xylene	3.94	0.0250	5.00		78.8	70-130			
p,m-Xylene	7.94	0.0500	10.0		79.4	70-130			
Total Xylenes	11.9	0.0250	15.0		79.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.22*		*8.00*		*115*	*70-130*			
Matrix Spike (2539010-MS1)				**Source: E509209-65**					Prepared: 09/22/25 Analyzed: 09/24/25
Benzene	3.93	0.0250	5.00	ND	78.7	70-130			
Ethylbenzene	4.05	0.0250	5.00	ND	80.9	70-130			
Toluene	4.03	0.0250	5.00	ND	80.6	70-130			
o-Xylene	4.07	0.0250	5.00	ND	81.4	70-130			
p,m-Xylene	8.23	0.0500	10.0	ND	82.3	70-130			
Total Xylenes	12.3	0.0250	15.0	ND	82.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.38*		*8.00*		*117*	*70-130*			
Matrix Spike Dup (2539010-MSD1)				**Source: E509209-65**					Prepared: 09/22/25 Analyzed: 09/24/25
Benzene	3.94	0.0250	5.00	ND	78.8	70-130	0.154	27	
Ethylbenzene	4.06	0.0250	5.00	ND	81.1	70-130	0.273	26	
Toluene	4.04	0.0250	5.00	ND	80.9	70-130	0.355	20	
o-Xylene	4.10	0.0250	5.00	ND	82.1	70-130	0.815	25	
p,m-Xylene	8.26	0.0500	10.0	ND	82.6	70-130	0.359	23	
Total Xylenes	12.4	0.0250	15.0	ND	82.4	70-130	0.510	26	
Surrogate: 4-Bromochlorobenzene-PID	*9.37*		*8.00*		*117*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539010-BLK1)									Prepared: 09/22/25 Analyzed: 09/24/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.15*		*8.00*		*114*	*70-130*			
LCS (2539010-BS2)									Prepared: 09/22/25 Analyzed: 09/24/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.37*		*8.00*		*117*	*70-130*			
Matrix Spike (2539010-MS2)				**Source: E509209-65**					Prepared: 09/22/25 Analyzed: 09/24/25
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	87.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.25*		*8.00*		*116*	*70-130*			
Matrix Spike Dup (2539010-MSD2)				**Source: E509209-65**					Prepared: 09/22/25 Analyzed: 09/24/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.5	70-130	6.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.41*		*8.00*		*118*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539024-BLK1)									Prepared: 09/22/25 Analyzed: 09/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.7*		*50.0*		*93.3*	*61-141*			
LCS (2539024-BS1)									Prepared: 09/22/25 Analyzed: 09/22/25
Diesel Range Organics (C10-C28)	237	25.0	250		94.9	66-144			
Surrogate: n-Nonane	*45.8*		*50.0*		*91.7*	*61-141*			
Matrix Spike (2539024-MS1)				**Source: E509197-03**					Prepared: 09/22/25 Analyzed: 09/22/25
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	56-156			
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*61-141*			
Matrix Spike Dup (2539024-MSD1)				**Source: E509197-03**					Prepared: 09/22/25 Analyzed: 09/22/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	4.54	20	
Surrogate: n-Nonane	*49.0*		*50.0*		*98.0*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H Well Pad	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/25/2025 5:22:58PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539068-BLK1)									Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	ND	20.0							
LCS (2539068-BS1)									Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2539068-MS1)				**Source: E509209-69**					Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2539068-MSD1)				**Source: E509209-69**					Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	260	20.0	250	ND	104	80-120	0.0627	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:	Weinberger Fed Com 211H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/25/25 17:22

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

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E509221	1D 2D 3D Std	NM CO UT TX
Project Name: Weinberger Federal Com 211H Well Pad	Address: 3122 National Parks Hwy	Job Number 23003-0002	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1326	9/18/25	S	1	SS03-0'		1									x			3.9	
1350	↓	↓	↓	SS03-1'		2									↓			4.3	
1513				SS05-0'		3												4.0	
1522				SS05-1'		4												4.3	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Uriel Santillana, Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/18/25	7:11	Michelle Gonzales	9-19-25	0711
Michelle Gonzales	9-19-25	1500	Marissa Gonzales	9-19-25	1500
Marissa Gonzales	9-19-25	1900	Andrew Musso	9-19-25	1900
Andrew Musso	9-19-25	2345		9-22-25	0600
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

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

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

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

Envirotech Analytical Laboratory

Printed: 9/22/2025 10:41:04AM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	09/22/25 06:00	Work Order ID:	E509221
Phone:	(972) 371-5200	Date Logged In:	09/19/25 16:15	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	09/26/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

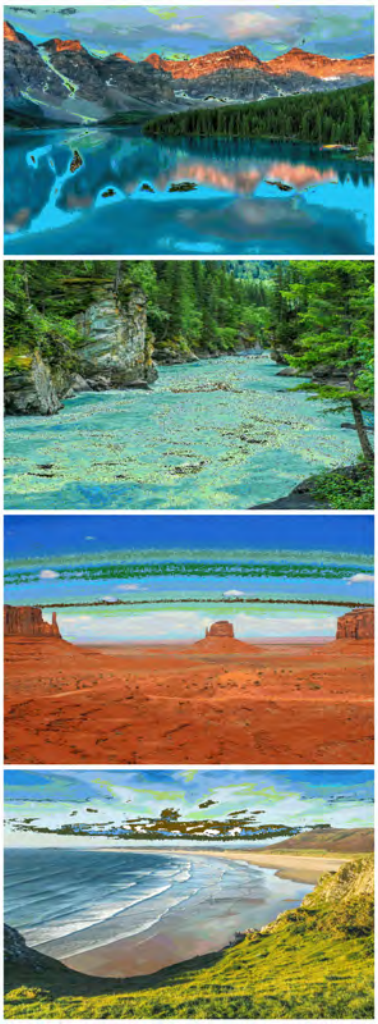
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Weinberger Fed Com 211H WP
Work Order:	E509293
Job Number:	23003-0002
Received:	9/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/2/25

Date Reported: 10/2/25

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

Project Name: Weinberger Fed Com 211H WP
Workorder: E509293
Date Received: 9/26/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2025 7:00:00AM, under the Project Name: Weinberger Fed Com 211H WP.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H WP 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 4

Sample Data 5

- BH01-0’ 5
- BH01-0.5’ 6
- BH01-1’ 7
- BH01-2’ 8
- SS07-0’ 9
- SS07-1’ 10

QC Summary Data 11

- QC - Volatile Organics by EPA 8021B 11
- QC - Nonhalogenated Organics by EPA 8015D - GRO 12
- QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 13
- QC - Anions by EPA 300.0/9056A 14

Definitions and Notes 15

Chain of Custody etc. 16

Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/02/25 09:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E509293-01A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-0.5'	E509293-02A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-1'	E509293-03A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-2'	E509293-04A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-3'	E509293-05A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS07-0'	E509293-06A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS07-1'	E509293-07A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

BH01-0'

E509293-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540003
Diesel Range Organics (C10-C28)	**41.7**	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*09/29/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**784**	20.0	1	09/29/25	09/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

BH01-0.5'

E509293-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*09/29/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**498**	20.0	1	09/29/25	09/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

BH01-1'

E509293-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*09/29/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**1290**	20.0	1	09/29/25	09/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

BH01-2'

E509293-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*09/29/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**233**	20.0	1	09/29/25	09/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

SS07-0'

E509293-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*09/29/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**524**	20.0	1	09/29/25	09/30/25	

Sample Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

SS07-1'

E509293-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*09/26/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*09/29/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**537**	20.0	1	09/29/25	09/30/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539155-BLK1)									Prepared: 09/26/25 Analyzed: 09/29/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.6*	*70-130*			
LCS (2539155-BS1)									Prepared: 09/26/25 Analyzed: 09/29/25
Benzene	4.76	0.0250	5.00		95.2	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.2	70-130			
Toluene	4.77	0.0250	5.00		95.3	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			
Matrix Spike (2539155-MS1)				**Source: E509294-02**					Prepared: 09/26/25 Analyzed: 09/29/25
Benzene	4.93	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.98	0.0250	5.00	ND	99.7	70-130			
Toluene	4.96	0.0250	5.00	ND	99.2	70-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.1	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2539155-MSD1)				**Source: E509294-02**					Prepared: 09/26/25 Analyzed: 09/29/25
Benzene	4.70	0.0250	5.00	ND	94.1	70-130	4.76	27	
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	70-130	5.70	26	
Toluene	4.70	0.0250	5.00	ND	94.1	70-130	5.29	20	
o-Xylene	4.74	0.0250	5.00	ND	94.7	70-130	5.02	25	
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	70-130	5.48	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.2	70-130	5.33	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539155-BLK1)									Prepared: 09/26/25 Analyzed: 09/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.03*		*8.00*		*87.9*	*70-130*			
LCS (2539155-BS2)									Prepared: 09/26/25 Analyzed: 09/29/25
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			
Matrix Spike (2539155-MS2)				**Source: E509294-02**					Prepared: 09/26/25 Analyzed: 09/29/25
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.04*		*8.00*		*88.0*	*70-130*			
Matrix Spike Dup (2539155-MSD2)				**Source: E509294-02**					Prepared: 09/26/25 Analyzed: 09/29/25
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.3	70-130	2.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.5*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540003-BLK1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.8*		*50.0*		*95.6*	*61-141*			
LCS (2540003-BS1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	256	25.0	250		102	66-144			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*61-141*			
Matrix Spike (2540003-MS1)				**Source: E509292-02**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*61-141*			
Matrix Spike Dup (2540003-MSD1)				**Source: E509292-02**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	1.93	20	
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Weinberger Fed Com 211H WP	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:17:34AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540013-BLK1)									Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	ND	20.0							
LCS (2540013-BS1)									Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2540013-MS1)				**Source: E509292-03**					Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2540013-MSD1)				**Source: E509292-03**					Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	254	20.0	250	ND	102	80-120	0.0606	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:	Weinberger Fed Com 211H WP	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/02/25 09:17

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

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

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

envirotech Analytical Laboratory

Chain of Custody

Client Information	Invoice Information
Client: Matador Production Company	Company: Ensolum LLC
Project Name: Weinberger Fed Com 211H WP	Address: 3122 National Parks Hwy
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220
Address: 3122 National Parks Hwy	Phone: 575-988-0055
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com
Phone: 575-988-0055	Miscellaneous:
Email: agiovengo@ensolum.com	

Lab Use Only		TAT				State			
Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX
E509293	23003-0002				X	X			

EPA Program		
SDWA	CWA	RCRA
Compliance	Y or N	
PWSID #		

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Remarks
1133	9/24/2025	S	1	BH01 - 0'		1									X			3.0	
1137	9/24/2025	S	1	BH01 - 0.5'		2									X			3.5	
1142	9/24/2025	S	1	BH01 - 1'		3									X			5.4	
1149	9/24/2025	S	1	BH01 - 2'		4									X			4.7	
1215	9/24/2025	S	1	BH01 - 3'		5									X			4.9	Run only if BH01-2' is >600 Cl or >100 TPH
1308	9/24/2025	S	1	SS07 - 0'		6									X			5.3	
1324	9/24/2025	S	1	SS07 - 1'		7									X			5.2	

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

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

Sampled by: Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[illegible]			Michelle Gonzales	9-25-25	0900
Michelle Gonzales	9-25-25	1330	Nathan Gonzales	9-25-25	1330
Nathan Gonzales	9-25-25	1810	Andrew Musso	9-25-25	1810
Andrew Musso	9.25.25	2300	[illegible]	9.26.25	700

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

Lab Use Only

Received on ice: (Y) N

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

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

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

Envirotech Analytical Laboratory

Printed: 9/26/2025 8:29:49AM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	09/26/25 07:00	Work Order ID:	E509293
Phone:	(972) 371-5200	Date Logged In:	09/25/25 14:38	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	10/02/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Client remark- Sample 5 only run if BH01-2 is >600Cl or >100TPH.

Client Instruction

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

Date

envirotech Inc.

ENSOLUM

APPENDIX E

Email Correspondence

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Weinberger 211 Well Pad
Date Release Discovered	02/17/2025
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Produced Water | Released: 29 BBL | Recovered: 25 BBL | Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/17/2025

Impacted Soil
Saturated Soil (inches)
0.125
Area (sq. ft.)
10676
Standing fluids
inches of standing fluid
0
bbl estimate of standing fluids
barrels recovered (if known)
25
Soil type
pad caliche
Spill type
produced water
Barrel estimate in soil
4.0
Barrel estimate (standing fluids/ recovered+in soil)
29.0

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 433086

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504854029**
Incident Name	**NAPP2504854029 WEINBERGER FEDERAL COM 211 H WELL PAD @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Weinberger Federal Com 211 H Well Pad
Date Release Discovered	02/17/2025
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Produced Water | Released: 29 BBL | Recovered: 25 BBL | Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 02/18/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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 433086

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/18/2025

From: Velez, Nelson, EMNRD
To: Chad Hamilton; Enviro, OCD, EMNRD; Bratcher, Michael, EMNRD; Jason Touchet; Arsenio Jones
Cc: Ashley Giovengo
Subject: Re: [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211 H Well Pad - Incident Number nAPP2504854029
Date: Tuesday, May 20, 2025 9:06:03 AM
Attachments: image001.png
image002.png
image003.png
image004.png
Outlook-kztrd20o.png

[**EXTERNAL EMAIL**]
Good morning Chad,

Thank you for the correspondence. Your 90-day time extension request is approved. Remediation Due date has been updated to August 18, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Monday, May 19, 2025 6:49 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Jason Touchet <jason.touchet@matadorresources.com>; Arsenio Jones <arsenio.jones@matadorresources.com>
Cc: Ashley Giovengo <agiovengo@ensolum.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211 H Well Pad - Incident Number nAPP2504854029

CAUTION: This email originated outside of our organization. Exercise caution prior to

clicking on links or opening attachments.

All,

Matador Production Company (Matador) is requesting an extension of the current deadline of May 19, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Weinberger Federal Com 211 H Well Pad (Site) (Incident Number nAPP2504854029). The release occurred on February 17, 2025, and approximately 29 barrels (bbls) of produced water were released on pad; 25 bbls were recovered. Due to ongoing fracking operations, Matador has been unable to investigate lateral and vertical delineation or remediate potentially impacted soil in accordance with the strictest Closure Criteria per NMOCD Table I. Matador intends to submit a remediation work plan or closure report after completing excavation of the subject matter release and upon receiving final laboratory analytical results from confirmation sampling activities. Matador respectfully requests an extension until August 17, 2025.

Thanks,

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

From:	Velez, Nelson, EMNRD
To:	Ashley Giovengo
Cc:	Chad Hamilton; Jason Touchet; Enviro, OCD, EMNRD
Subject:	Re: [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211H Well Pad - Incident Number nAPP2504854029
Date:	Monday, August 18, 2025 1:38:32 PM
Attachments:	image001.png image002.png image003.png Outlook-so5sbla3.png

[**EXTERNAL EMAIL**]

Good afternoon Ashley,

Thank you for the correspondence. Your 90-day time extension is approved. Remediation Due date has been updated to November 17, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, August 18, 2025 12:09 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211H Well Pad - Incident Number nAPP2504854029

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

All,

Matador Production Company (Matador) is requesting an extension of the current deadline of August 18, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Weinberger Federal Com 211H Well Pad (Site) (Incident Number nAPP2504854029). The release occurred on February 17, 2025, and approximately 29 barrels (bbls) of produced water were released onto the pad surface; 25 bbls were recovered. Due to the presence of equipment during drilling and completion activities, Ensolum personnel have been unable to complete delineation soil sampling activities. Matador intends to return to the Site in order to complete delineation and excavation activities in accordance with the Site Closure Criteria and respectfully requests a 90-day extension until November 17, 2025. Matador will submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Please let me know if you have any further questions regarding this site.

Thanks,

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

"Your authenticity is your superpower." – Unknown

From:	Velez, Nelson, EMNRD
To:	Ashley Giovengo
Cc:	Jason Touchet; Chad Hamilton; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD
Subject:	Re: [EXTERNAL] Alternative Sampling Plan - Weinberger Federal Com 211H Well Pad - nAPP2504854029
Date:	Wednesday, February 18, 2026 7:59:18 AM
Attachments:	image001.png image002.png image003.png Outlook-g45if1dv.png

[**EXTERNAL EMAIL**]

Good morning Ashley,

Thank you for the inquiry. Your alternative sampling plan request not to exceed 400 square feet ($ft.^2$) from the excavation floor and 200 $ft.^2$ from the excavation sidewalls for each five (5) point composite per 19.15.29.12D (1b) NMAC is approved. All other provisions addressed in 19.15.29.12D NMAC remain in effect.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Have a safe and productive day!

Regards,

Nelson Velez • Senior Environmental Scientist
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, February 16, 2026 3:39 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Alternative Sampling Plan - Weinberger Federal Com 211H Well Pad - nAPP2504854029

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, February 16, 2026 1:21 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: [EXTERNAL] Alternative Sampling Plan - Weinberger Federal Com 211H Well Pad - nAPP2504854029

Hello,
Matador Production Company (Matador) is requesting an alternative sampling plan at the Weinberger Federal Com 211H Well Pad (Site). The release occurred on February 17, 2025, and approximately 29 barrels (bbls) of produced water were released onto the pad surface; 25 bbls were recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on February 17, 2025, and subsequently the release was assigned Incident Number nAPP2504854029. The release impacted an area on-pad approximately 10,676 square feet (sq. ft.) in size on Federal Land managed by the Bureau of Land Management (BLM). The closest permitted well with available depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP 02106 POD1, located approximately 295 feet southwest of the release extent at the Site; CP 02106 POD1 has a reported depth to water of greater than 105 feet below ground surface (bgs). Soil Boring CP 02106 POD1 is a dry, temporary monitoring well that was drilled to establish depth to water with a ? mile radius of the Weinberger sites and not for domestic or agricultural use. A desktop review for potential site receptors has been completed, and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 560 feet west of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride. Lateral and vertical delineation soil sampling has been completed at the Site (see Table 1 and Figure 2). Six lateral delineation soil sample locations (SS01 through SS06) were collected from around the release extent at ground surface and 1-foot bgs and all were in compliance with the strictest Closure Criteria per NMOCD Table I. Vertical delineation soil sample locations (BH01 through BH09) were in compliance with the strictest Closure Criteria at depths ranging from 0.5 feet to 3 feet bgs (see Table 1). Matador would like to request an alternative sampling plan for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Excavation of the subject matter release will begin as soon as Matador selects a subcontractor. Matador will submit a closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation soil sampling activities. Matador believes this *alternative sampling plan* will provide equal or better protection of public health, and the environment considering that the entire release remained on-pad, this Site is in a low potential

karst designation area, and depth to groundwater near the Site is confirmed to be greater than 105 feet bgs. Matador respectfully requests approval for this *alternative sampling plan* associated with Incident Number (nAPP2504854029).
Kind Regards,

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

"Your authenticity is your superpower." – Unknown

From:	Velez, Nelson, EMNRD
To:	Ashley Giovengo
Cc:	Jason Touchet; Chad Hamilton; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD
Subject:	Re: [EXTERNAL] Alternative Sampling Plan - Weinberger Federal Com 211H Well Pad - nAPP2504854029
Date:	Wednesday, February 18, 2026 7:59:18 AM
Attachments:	image001.png image002.png image003.png Outlook-g45if1dv.png

[**EXTERNAL EMAIL**]

Good morning Ashley,

Thank you for the inquiry. Your alternative sampling plan request not to exceed 400 square feet ($ft.^2$) from the excavation floor and 200 $ft.^2$ from the excavation sidewalls for each five (5) point composite per 19.15.29.12D (1b) NMAC is approved. All other provisions addressed in 19.15.29.12D NMAC remain in effect.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Have a safe and productive day!

Regards,

Nelson Velez • Senior Environmental Scientist
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, February 16, 2026 3:39 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Alternative Sampling Plan - Weinberger Federal Com 211H Well Pad - nAPP2504854029

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, February 16, 2026 1:21 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: [EXTERNAL] Alternative Sampling Plan - Weinberger Federal Com 211H Well Pad - nAPP2504854029

Hello,
Matador Production Company (Matador) is requesting an alternative sampling plan at the Weinberger Federal Com 211H Well Pad (Site). The release occurred on February 17, 2025, and approximately 29 barrels (bbls) of produced water were released onto the pad surface; 25 bbls were recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on February 17, 2025, and subsequently the release was assigned Incident Number nAPP2504854029. The release impacted an area on-pad approximately 10,676 square feet (sq. ft.) in size on Federal Land managed by the Bureau of Land Management (BLM). The closest permitted well with available depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP 02106 POD1, located approximately 295 feet southwest of the release extent at the Site; CP 02106 POD1 has a reported depth to water of greater than 105 feet below ground surface (bgs). Soil Boring CP 02106 POD1 is a dry, temporary monitoring well that was drilled to establish depth to water with a ? mile radius of the Weinberger sites and not for domestic or agricultural use. A desktop review for potential site receptors has been completed, and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 560 feet west of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride. Lateral and vertical delineation soil sampling has been completed at the Site (see Table 1 and Figure 2). Six lateral delineation soil sample locations (SS01 through SS06) were collected from around the release extent at ground surface and 1-foot bgs and all were in compliance with the strictest Closure Criteria per NMOCD Table I. Vertical delineation soil sample locations (BH01 through BH09) were in compliance with the strictest Closure Criteria at depths ranging from 0.5 feet to 3 feet bgs (see Table 1). Matador would like to request an alternative sampling plan for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Excavation of the subject matter release will begin as soon as Matador selects a subcontractor. Matador will submit a closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation soil sampling activities. Matador believes this *alternative sampling plan* will provide equal or better protection of public health, and the environment considering that the entire release remained on-pad, this Site is in a low potential

karst designation area, and depth to groundwater near the Site is confirmed to be greater than 105 feet bgs. Matador respectfully requests approval for this *alternative sampling plan* associated with Incident Number (nAPP2504854029).
Kind Regards,

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

"Your authenticity is your superpower." – Unknown

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 569860

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504854029**
Incident Name	**NAPP2504854029 WEINBERGER FEDERAL COM 211 H WELL PAD @ L-30-24S-36E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WEINBERGER FEDERAL COM 211 H WELL PAD
Date Release Discovered	02/17/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Produced Water | Released: 29 BBL | Recovered: 25 BBL | Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 04/01/2026

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	13100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	871
GRO+DRO (EPA SW-846 Method 8015M)	871
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	02/16/2026
On what date will (or did) the final sampling or liner inspection occur	02/19/2026
On what date will (or was) the remediation complete(d)	02/24/2026
What is the estimated surface area (in square feet) that will be reclaimed	1600
What is the estimated volume (in cubic yards) that will be reclaimed	30
What is the estimated surface area (in square feet) that will be remediated	19727
What is the estimated volume (in cubic yards) that will be remediated	402
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.	

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	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	No
OR is the **off-site** disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Northern Deleware Basin
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 04/01/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	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

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 (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**553037**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/19/2026**
What was the (estimated) number of samples that were to be gathered	**50**
What was the sampling surface area in square feet	**19727**

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	19727
What was the total volume (cubic yards) remediated	402
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	1600
What was the total volume (in cubic yards) reclaimed	30
Summarize any additional remediation activities not included by answers (above)	The release extent has been laterally defined to the strictest Closure Criteria per NMOCD Table I by delineation soil samples SS01 through SS07, collected at ground surface and 1-foot bgs, and vertically by boreholes BH01 through BH09, collected at depths between 0.5 feet and 3 feet bgs. Excavation of the waste-containing soil area on-pad was completed, and excavation floor samples (FS01 through FS50), collected at depths ranging from 0.5 feet to 1-foot bgs, were all in compliance with the Site 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: 04/01/2026

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 (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 569860
	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

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

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 569860
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	4/30/2026