ENSOLUM

August 11, 2025

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

Re: Closure Request
Peach Booster Station
Incident Number nAPP2504351069
Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* (*CR*) to document excavation and soil sampling activities performed at the Peach Booster Station (Site). The purpose of the excavation and soil sampling activities was to address impacts to soil following a release of produced water at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results following excavation activities, Matador is submitting this *CR*, describing Site assessment and excavation activities that have occurred and requesting no further action for Incident Number nAPP2504351069.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit P, Section 20, Township 25 South, Range 36 East, in Lea County, New Mexico (32.1112°, -103.27963°) and is associated with oil and gas exploration and production operations on private land.

On February 11, 2025, corrosion of a plug on a water transfer pump resulted in the release of approximately 9 barrels (bbls) of produced water inside the lined secondary containment and overspray from the release impacted areas on pad surface; 8 bbls of produced water were recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and submitted an Initial C-141 Application (Form C-141) via web portal on February 12, 2025; the release was subsequently assigned Incident Number nAPP2504351069.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-01921 POD1, located approximately 938 feet east of the release area. C-01921 POD1 was a monitoring well drilled to establish depth to groundwater near the Site. The well had a reported depth to water measurement of 82 feet below ground surface (bgs) and a total depth of

101 feet bgs. All wells used to establish depth to groundwater are depicted on Figure 1 and 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 107 feet west of the Site. On July 11, 2025, Ensolum personnel, under the supervision of Liz Carner, professional wetland specialist (PWS) for On Pointe Consulting, LLC, visited the Site to conduct a wetland delineation. During Ensolum's wetland delineation, one linear aquatic feature within the project Site was observed. This feature was a disjointed drainage path likely formed from runoff during precipitation events. This feature was not continuous, and the only evidence of hydrology was the buildup of sediment. The feature on average had a width of 2 feet and a depth of 4 inches with the feature stretching 153 linear feet in length. This feature was interrupted by an active oil and gas lease road to the south. The wetland and watercourse features were identified on the USGS 7.5-minute Topographic Map and the National Wetlands Inventory, however, the pad and ROW appear to have been constructed over the feature and interrupts its historical function. Findings from the wetland delineation are included as Appendix B. Based on the findings of the of the wetland delineation, unstable features needed for a significant watercourse/wetland appear to be absent and as such, Matador respectfully requests the significant watercourse/wetland not be considered as a sensitive Site receptor.

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 an actual wetland. The Site is not within 1,000 feet of a freshwater well or spring. The Site is not within a 100-year floodplain or overlying a subsurface mine and is within a low karst potential area as determined by the Bureau of Land Management (BLM). Potential Site receptors are identified on Figure 1.

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

- Benzene: 10 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: 10,000 mg/kg

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on February 18, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Ensolum personnel competent in conducting liner integrity inspections identified one tear inside the lined secondary containment. While conducting the liner integrity inspection three superficial tears and one hole were found. The three superficial tears found did not puncture through the entirety of the liner and the structural integrity remained intact in these areas. One hole was found to have breached the liner, near the water transfer pumps, and was later delineated as BH01.

Ensolum staff responsible for collecting photos of the liner integrity inspection maintained T-Mobile® as their cellular service provider; however, due to a lack of service in the area surrounding the Site, the mobile phone used could not adequately access nearby towers to collect the correct global positing system (GPS) data at the time of the photographs and as such, the coordinates were memorialized on the digital photographs once service was received in the city limits of Carlsbad, but the coordinates were captured where service was received and not at the location of where the photographs were taken. It is

evident based on equipment located in the photographs taken they are of the correct Site and photographs 5 through 8 on the photographic log were re-taken from the same locations on August 6, 2025, with the correct coordinates to compare the original photos and corroborate the correct location, which are included in Appendix C.

Between February 18, 2025, and March 13, 2025, Ensolum personnel collected lateral delineation soil samples (SS01 through SS05) at ground surface and 1-foot bgs from around the overspray area on pad surface. Ensolum personnel also advanced borehole BH01 within the tear inside the lined secondary containment was advanced via hand auger and 41 MM Shaw backpack core drill and boreholes BH02 and BH03 were advanced via hand auger and 41 MM Shaw backpack core drill to assess the vertical extent of the overspray area on the pad surface. Borehole BH01 was advanced to a depth of 10 feet bgs. Borehole BH02 was to a depth of 3 feet bgs and borehole BH03 was advanced to a depth of 19 feet bgs. Discrete delineation soil samples were collected from the ground surface and from each foot and field screened for chloride utilizing Hach® chloride QuanTab® test strips and for TPH using a PetroFLAG® Soil Analyzer. The release extent was mapped utilizing a handheld GPS unit and is depicted on Figure 2. Photographic documentation was completed during the Site visit, and a photographic log is included as Appendix C. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix D. The delineation soil sample locations are depicted on Figure 2.

All delineation 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 contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH- GRO, TPH- DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on April 22, 2025, Ensolum personnel oversaw the excavation of impacted and waste containing soil from the overspray area. The excavation of the impacted area on pad was completed with a hydro-vac and hand tools. The excavation occurred on the well pad on the south and west sides of the lined secondary containment. To direct excavation activities, Ensolum personnel field screened soil samples utilizing the same methods previously described .

Following the removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the floor of the 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 FS05 were collected from the floor of the excavation at 1-foot bgs. Confirmation sidewall soil samples SW01 through SW02 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 1-foot bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 984 square feet. A total of approximately 70 cubic yards of impacted soil was removed during the excavation activities. Impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill.

LABORATORY ANALYTICAL RESULTS

Lateral delineation soil samples SS01 through SS05 were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface and 1-foot bgs. Laboratory analytical results for discrete soil samples collected from borehole BH01, located inside the lined secondary containment were all in compliance with the Site Closure Criteria at ground surface and in compliance with the strictest Closure Criteria at a depth of 10 feet bgs. Laboratory analytical results for discrete soil samples collected from borehole BH02 were in compliance with the Site Closure Criteria at 1-foot bgs and in compliance with the strictest Closure Criteria at a depth of 3 feet bgs. Laboratory analytical results for discrete soil samples collected from borehole BH03 were in compliance with the Site Closure Criteria at 1-foot bgs and in compliance with the strictest Closure Criteria at a depth of 19 feet bgs

Laboratory analytical results for excavation floor samples (FS01 through FS05) indicated all COC concentrations were in compliance with the Site Closure Criteria at 1-foot bgs. Excavation sidewall soil samples SW01 and SW02, collected from ground surface to 1-foot bgs, indicated all COC concentrations were in compliance with the Site Closure Criteria. The laboratory analytical results are summarized in Tables 1 and 2 and the complete laboratory analytical reports are included in Appendix E. All sampling notifications to NMOCD and additional correspondence are included in Appendix F.

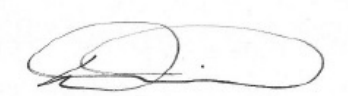
CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the February 2025 release of produced water at the Site. A liner integrity inspection was performed and vertical delineation sampling beneath the containment liner was completed; Ensolum personnel immediately patched the hole in the liner once delineation soil sampling was completed. Laboratory analytical results from vertical delineation samples (BH01) indicated all COCs were in compliance with the Site Closure Criteria at ground surface. The release area has been laterally and vertically defined in accordance with the strictest Closure Criteria per NMOCD Table I criteria. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater is 82 feet bgs and no other sensitive receptors were identified near the release extent. Matador believes these remedial actions are protective of human health, the environment, and groundwater. As such, Matador respectfully requests closure for Incident Number nAPP2504351069.

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

Sincerely,
Ensolum, LLC



Chad Hamilton
Project Geologist

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

cc: Jason Touchet, Matador Production Company

Appendices:

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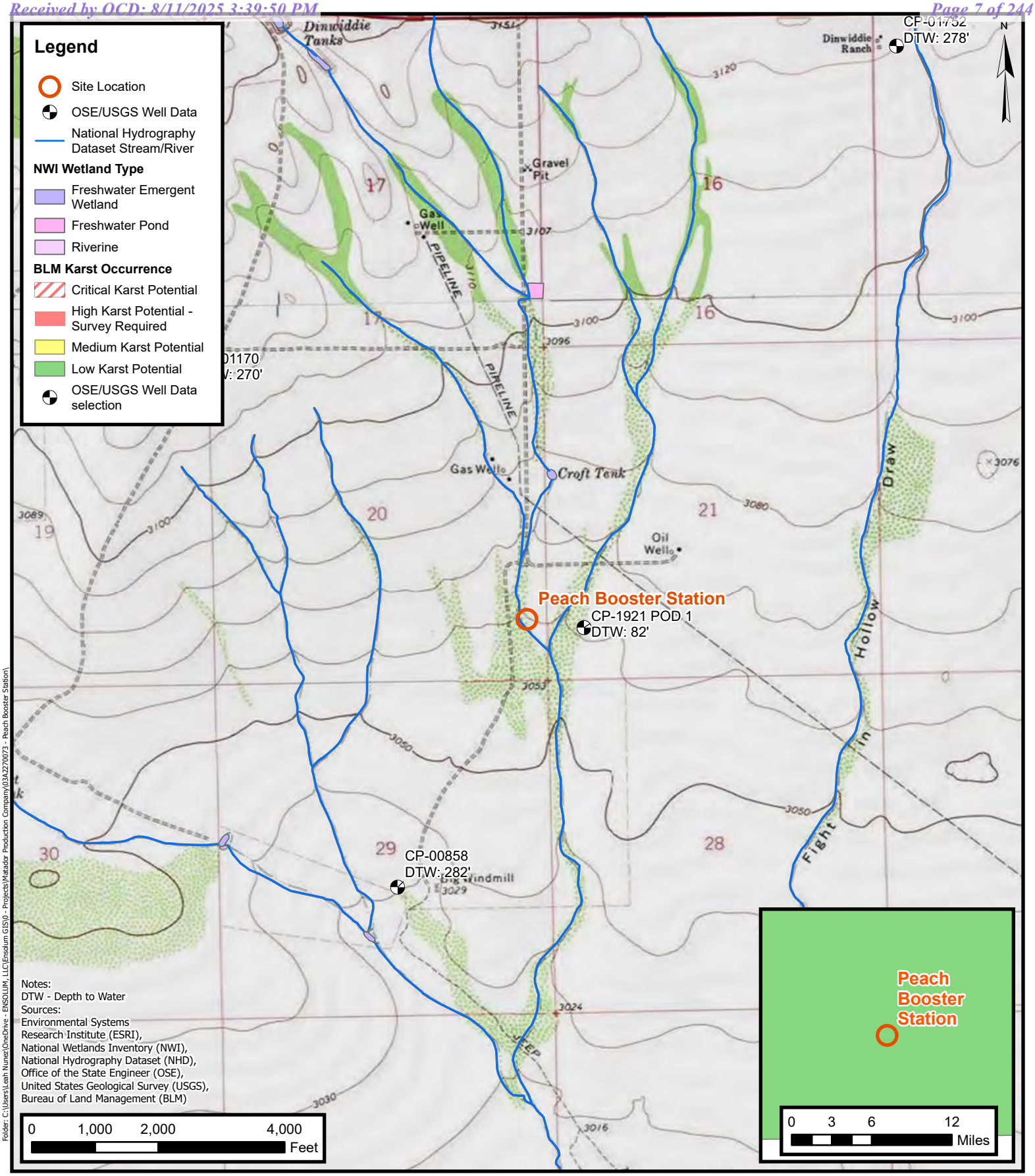
FIGURES



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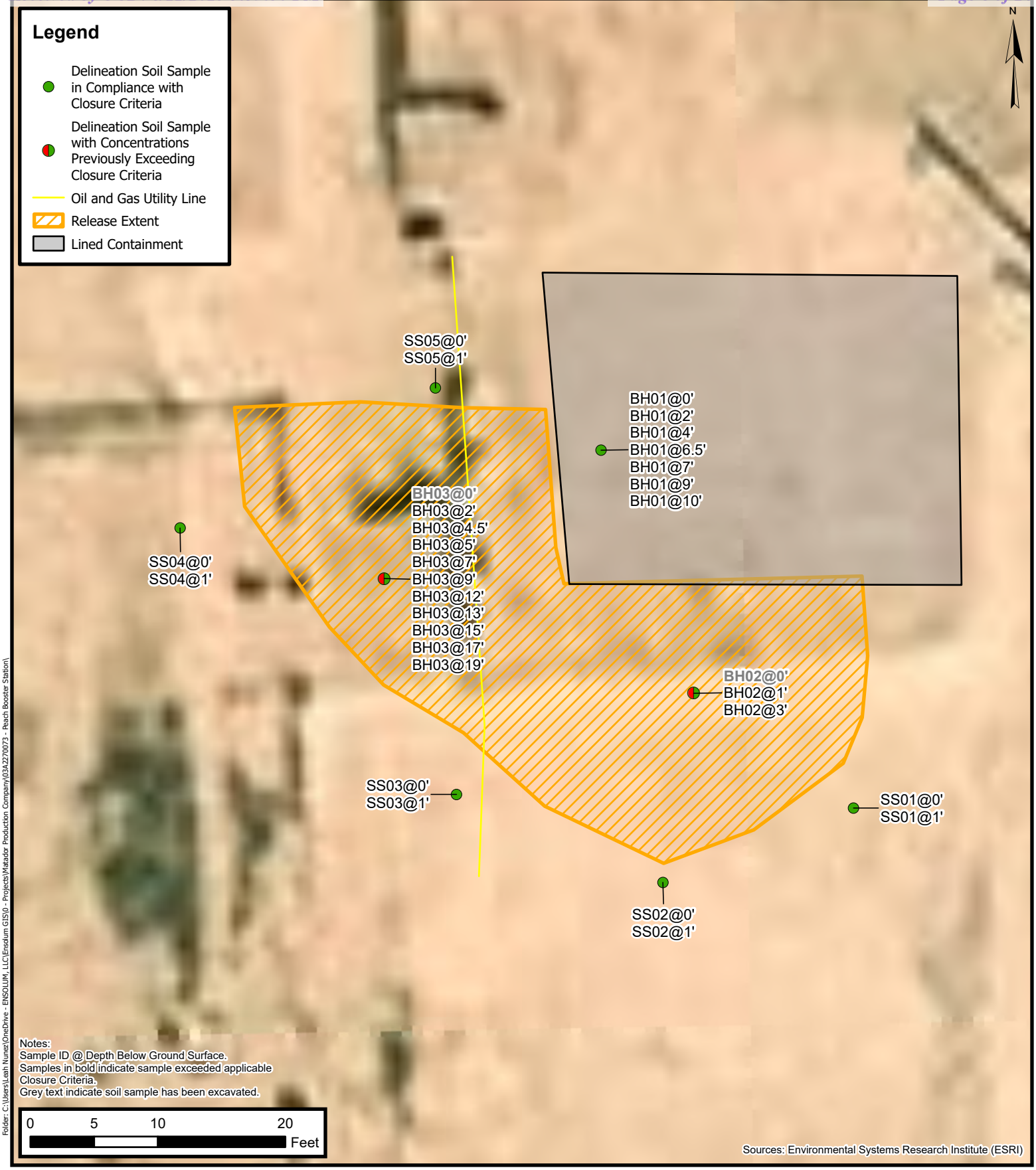
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

Matador Production Company
Peach Booster Station
Incident Number: nAPP2504351069
Unit P, Section 20, T 25S, R 36E
Lea County, New Mexico

FIGURE 1



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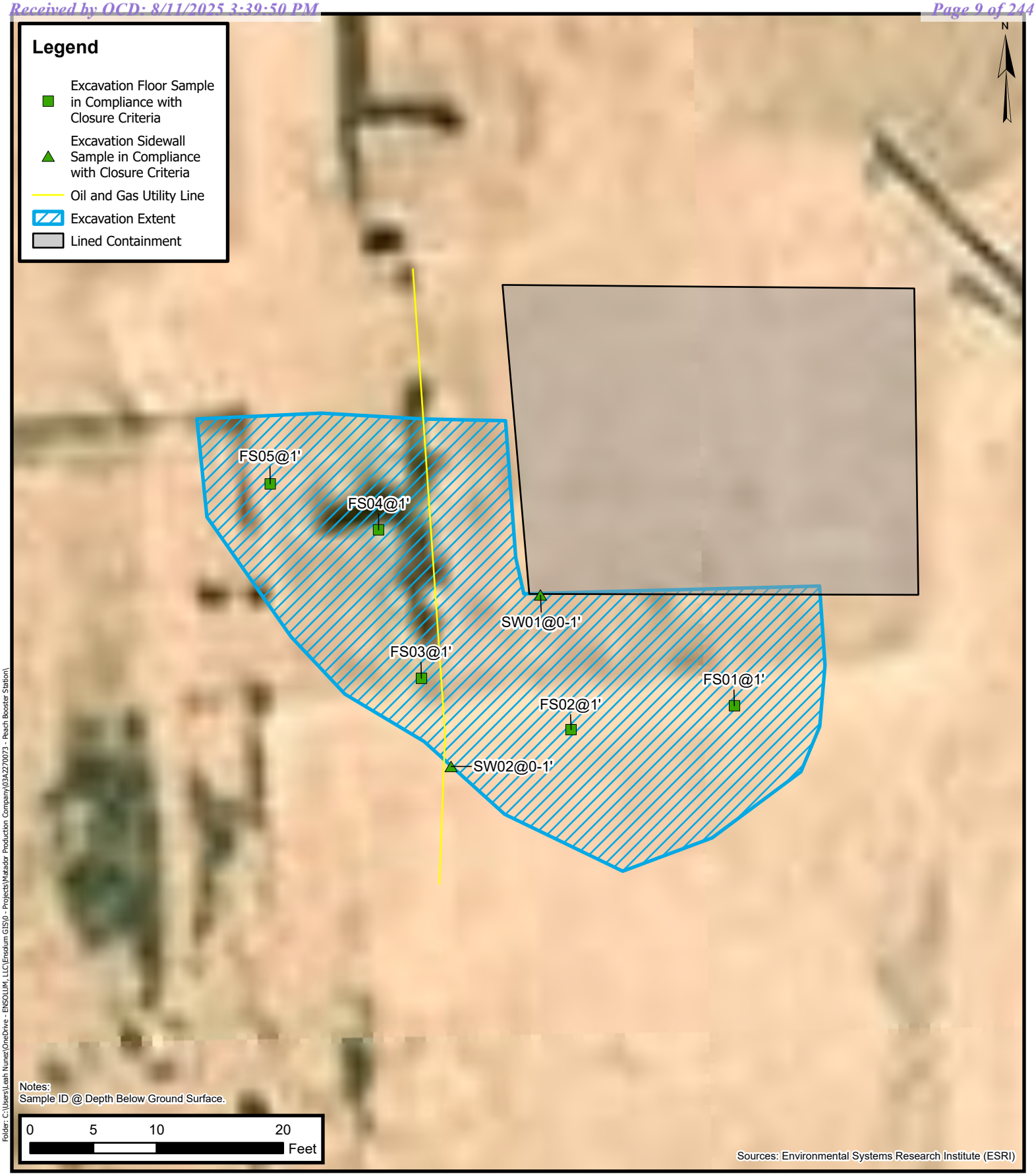
Delineation Soil Sample Locations

Matador Production Company
Peach Booster Station
Incident Number: nAPP2504351069
Unit P, Section 20, T 25S, R 36E
Lea County, New Mexico

FIGURE 2



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Excavation Soil Sample Locations

Matador Production Company
Peach Booster Station
Incident Number: nAPP2504351069
Unit P, Section 20, T 25S, R 36E
Lea County, New Mexico

FIGURE 3

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Peach Booster Station
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**10,000**
Delineation Soil Samples										
SS01	2/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	214
SS01	2/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.9
SS02	2/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.5
SS02	2/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.7
SS03	2/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	320
SS03	2/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.1
SS04	2/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.6
SS04	2/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	2/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	150
SS05	2/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	102
BH01	2/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	869
BH01	2/21/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,230
BH01	2/21/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,030
BH01	2/21/2025	6.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,860
BH01	3/12/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,420
BH01	3/12/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	859
BH01	3/12/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	202
BH02	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**15,400**
BH02	3/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,500
BH02	3/5/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	87.8

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TABLE 1 - Contd.
SOIL SAMPLE ANALYTICAL RESULTS
Peach Booster Station
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**10,000**
Delineation Soil Samples										
BH03	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**11,400**
BH03	3/5/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,400
BH03	3/5/2025	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,380
BH03	3/12/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,880
BH03	3/12/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
BH03	3/12/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	770
BH03	3/12/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	531
BH03	3/13/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	534
BH03	3/13/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,280
BH03	3/13/2025	17	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,790
BH03	3/13/2025	19	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	432

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
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.*
** Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.*

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TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
Peach Booster Station
Matador Production Company
Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**10,000**
Excavation Floor Soil Samples										
FS01	4/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,190
FS02	4/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,330
FS03	4/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,910
FS04	4/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,080
FS05	4/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,660
Excavation Sidewall Soil Samples										
SW01	4/25/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	742
SW02	4/25/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

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

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APPENDIX A

Well Log and Record

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	n/a	CP-1921

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Ameredev Operating, LLC	737-300-4700

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
2901 Via Fortuna Suite 600	Austin	TX	78746

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	6	38.99	N
	LONGITUDE	103	16	41.89	W

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

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

NW SW SW Sec.21 T25S R36S NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9/26/2022	9/27/2022	temporary well material	±101	unknown

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 82.15

DATE STATIC MEASURED: 10/4/2022

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

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

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	80	±6.25"	Boring-HSA	--	--	--	--
80	101	±3.25"	Boring-Air Rotary	--	--	--	--

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	AMOUNT (cubic feet)	METHOD OF PLACEMENT

OSE DII OCT 12 2022 PM2:33

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	CP-1921	POD NO.	1	TRN NO.	733931
LOCATION	25S.36E.21 133			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	4	4	Caliche, with very fine grained sand, Gray Brown	Y ✓ N	
4	50	46	Caliche, with very fine grained sand, Pinkish Tan	Y ✓ N	
50	80	30	Sand, fine grained, poorly graded, Tan Brown	Y ✓ N	
80	101	21	Claystone, very fine, consolidated, Very Gray	✓ Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
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				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

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: Temporary well material removed , tremie pipe lowered to total depth , placing Type I/II neat cement (5.9 gallons per 94 lb. sack) from to depth to surface, see attached plugging record.
DTW-11

OSE DII OCT 12 2022 PM2:33

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

Shane Eldridge, Cameron Pruitt

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:

Jack Atkins — Jackie D. Atkins — 10/5/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CD-1921	POD NO. 1	TRN NO. 733931	
LOCATION 26S.36E.21 133		WELL TAG ID NO.	PAGE 2 OF 2

ENSOLUM

APPENDIX B

Wetland Report

ENSOLUM

WETLANDS AND WATERS OF THE UNITED STATES DELINEATION REPORT

Property:
Peach Booster Station
Approximate 2.5-Acre Tract
Jal, Lea County, New Mexico

August 5, 2025

Ensolum Project No.: 03A2270073

Prepared for:
Matador Production Company
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240

Trevor Hartwig
Project Biologist

Brian Sulzberger
Associate Principal

TABLE OF CONTENTS

APPENDICES

1.0 INTRODUCTION

Ensolum, LLC (Ensolum) was retained by Matador Production Company (Client) to perform a wetland and Waters of the United States (WOTUS) delineation for the Peach Booster Station remediation site (Project Site) located in Carlsbad, New Mexico. The site's location is depicted on **Figure 1 in Appendix A**. The survey area was approximately 19.7 acres and is located within an arid region within an oil and gas field south of New Mexico Highway 128.

The purpose of this wetland and WOTUS delineation is to characterize the existing site conditions, observe the project site for suspected waterbodies including wetlands, streams, and open water features, and provide an opinion regarding whether suspect waterbodies (if observed) would be considered regulated as a wetland or WOTUS.

The observations and opinions contained in this report are based on current guidance, regulations, data, and site conditions. Future changes to guidance, regulations, data furnished by others, and site conditions may yield different results and can be evaluated separately at that time.

It is important to note that the findings presented in this report represent Ensolum's professional opinion, based upon field observations made during the site visit and our experience with regulatory guidance under the Clean Water Act (EPA 1972) in place at the time of the delineation. To verify the delineation boundaries and jurisdictional classifications presented in this report, the United States Army Corps of Engineers (USACE) would need to review this report and make a determination on jurisdiction of the site features and identify whether a permit is required for proposed impacts.

1.1 Scope of Services

The scope of services associated with this Wetland and WOTUS delineation is intended to identify potential wetlands and WOTUS features and to determine to the potential impacts that may result from the construction of the proposed Peach Booster Station. The scope of services included the following tasks:

- Records Review – review of records including U.S Geologic Survey (USGS) maps, United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) data, United States Department of Agriculture (USDA) soil survey data, Federal Emergency Management Agency (FEMA) floodplains map, and aerial photographs;
- Site Reconnaissance – a site visit and inspection of the Subject Property; and,
- Report Preparation – the evaluation of information collected and the preparation of a report including the findings, opinions, and conclusions.

2.0 PRELIMINARY DATA AND ANALYSIS

2.1 Topographic Map

The USGS 7.5-Minute Series topographic map (1:24,000) for New Mexico custom quadrangle (2023) was evaluated to identify drainages, creeks, pond, wetlands, and other aquatic features, as well as characterize historic and recent land use within the project site. The USGS quadrangle map shows the project site at an elevation of 3057 feet above mean sea level (AMSL) to3058 feet AMSL. The project site slopes to the east. The Topographic map does not show any aquatic

features at the site, and no areas of dense vegetation, roads, railroads, well, or structures are depicted. **Figure 2** in **Appendix A** depicts the USGS topographic map in the vicinity of the project site.

2.2 National Wetlands Inventory Map

The USFWS NWI map of the project site was reviewed to identify potential wetland areas. The map depicts probable wetlands areas based on stereoscopic analysis of high-altitude aerial photographs and analysis of infrared bands from remotely-sensed imagery. Based on the review of the NWI map, one feature was mapped within the project site as Palustrine, Emergent, Persistent, Temporary Flooded (PEM1A) wetland feature, which is shown in **Figure 3** in **Appendix A**.

2.3 Soil Survey

Data from the USDA Natural Resource Conservation Service (NRCS) Web Soil Survey (WSS) and the State Soil Data Access (SDA) Hydric Soils List were reviewed to characterize soils within the project site (accessed May 2025). A soil survey figure is included in **Figure 4** in **Appendix A**. The table below contains a summary of the mapped soil units within the project site and relevant physical characteristics. No soil units within the site are classified as hydric soil.

Map Unit Symbol	Map Unit Name	Landforms	Natural Drainage Class	Hydric Soil Rating	Approximate Acres in Project Site
LP	Largo-Pajarito complex, rarely flooded	Alluvial fans, plains	Well drained	No	19.7

2.4 FEMA FIRM Map

Ensolum reviewed the National Flood Hazard Layer (NFHL) 35025C2100D, effective December 16, 2008. According to the NFHL, the site lies within Zone D: Flood Risk Due to Levee. Zone D is defined as areas that have not been accurately assessed for flood risks. Based on a review of FEMA Flood Map, the site is considered to have a low risk for impact from flooding. A NFHL map is included in **Figure 5** in **Appendix A**.

2.5 Aerial Imagery

Aerial images of the project site from 1985 to 2025 were evaluated, provided by Google Earth to preliminarily identify drainages, creeks, ponds, wetlands, and other aquatic features, as well as characterize historic and recent land use within the vicinity. The project site is arid rangeland. There was one significant change observed within the project site, which was the construction of the Peach Booster Station in 2022. There were no changes to the north, south, and east adjoining properties between 1985 and 2025 and a lease road was constructed to the west in 2020. Aerial imagery from 2025 is included as **Figure 1** in **Appendix A**.

3.0 METHODOLOGY

An Ensolum wetland biologist conducted reconnaissance of the site on April 29, 2025, to characterize the existing site conditions and identify the presence of aquatic resources that have a potential to be regulated as WOTUS under Section 404. Based on the size of the project site, and generally consistent with the guidance in the 1987 Wetland Delineation Manual and the 2010 Atlantic and Gulf Coastal Plain Regional Supplement 2.0. The methodology is consistent with general USACE guidance to expedited field data collection and reduce unnecessary redundancy and paperwork.

Data points were established and representative photos were collected during the field investigation. The Data point locations were recorded in the field using a GPS unit with submeter accuracy and was exported to ArcGIS geodatabase for analysis. Datapoint coordinates are reported in latitude and longitude, Global Coordinate System (GCS), North American Datum (NAD), 1983.

Aquatic features were identified based on the presence of an ordinary high-water mark (OHWM) and bed and bank features, or the presence of wetland indicators where applicable. For portions of the surface tributary system (i.e. streams and impoundments of streams, and certain types of manmade canals), the OHWM is the limit of USACE jurisdictional under Section 404. The OHWM can generally be defined as the line on the shore established by the fluctuation of the surface water, and is indicated by the following characteristics:

- Clear line impressed on the bank,
- Shelving,
- Changes in soil character,
- Destruction of terrestrial vegetation,
- The presence of litter and debris,
- Or other features influenced by the surrounding area.

The USACE and EPA define wetlands as “those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support and that under normal circumstance do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas” (33 CFR 328.3b).

4.0 RESULTS

On April 29, 2025, Ensolum performed the wetland and WOTUS delineation at the site using the methodology described in Section 3.0. The findings of the delineation are shown on **Figure 6** in **Appendix A**. GIS data was collected to determine the approximate size of each aquatic resource. Site photographs, included in **Appendix D**, provide an indication of the physical characteristics during the delineation. Description of the aquatic resource features observed on site are provided in the following sections:

4.1 Wetlands

During the field reconnaissance, data was collected for vegetation, soils, and hydrology at two sample points (SP-1 and SP-2). The positive indicator for hydrology was observed at SP-2, but neither of the sample points had all three indicators to classify a wetland being found within the Site. Therefore, Ensolum concluded that there were no wetlands within the project site.

4.2 Linear Aquatic Features

Ensolum did observe one linear aquatic feature within the project site. This feature was a disjointed drainage path that was likely formed from runoff during precipitation events. This feature was not continuous, and the only evidence of hydrology was the build up of sediment. The feature on average had a width of 2 feet and a depth of 4 inches with the feature stretching 153 linear feet in length. This feature was interrupted by a lease road to the south for the oil field.

4.3 Ponds

Ensolum did not observe any ponds or standing water features during the site reconnaissance. Activities from the construction of the laydown yard should not impact any ponds or standing water features in the area.

4.4 Upland Areas

Ensolum sampled and assessed all areas within the project site to document different vegetation communities, soil conditions, and hydrologic features. The site consists of undeveloped arid shrubland that has a variety of shrubs, forbs, and grass species. The majority of the species found in the project site include honey mesquite (*Neltuma glandulosa*), sand dropseed (*Sporobolus cryptandrus*), and grassland croton (*Croton diocus*).

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings during the site visit, there are no wetland features within the site boundary. One drainage feature was mapped in the site boundary but it was not continuous and is likely formed from erosion happening during precipitation events. The proposed remediation for the Peach Booster Station will not impact any jurisdictional wetlands and WOTUS features. It is Ensolum's opinion that the USACE does not need to be contacted before remediation efforts take place due to the lack of potential aquatic features within the project site. If the project site is to change prior to remediation activities, then a follow-up wetland and WOTUS delineation may be needed along with contacting the USACE for a determination.

6.0 REFERENCES

Environmental Protection Agency (EPA). 1972. Overview of Clean Water Act Section 404. Available at: https://www.epa.gov/cwa-404/overview-clean-water-act-section-404

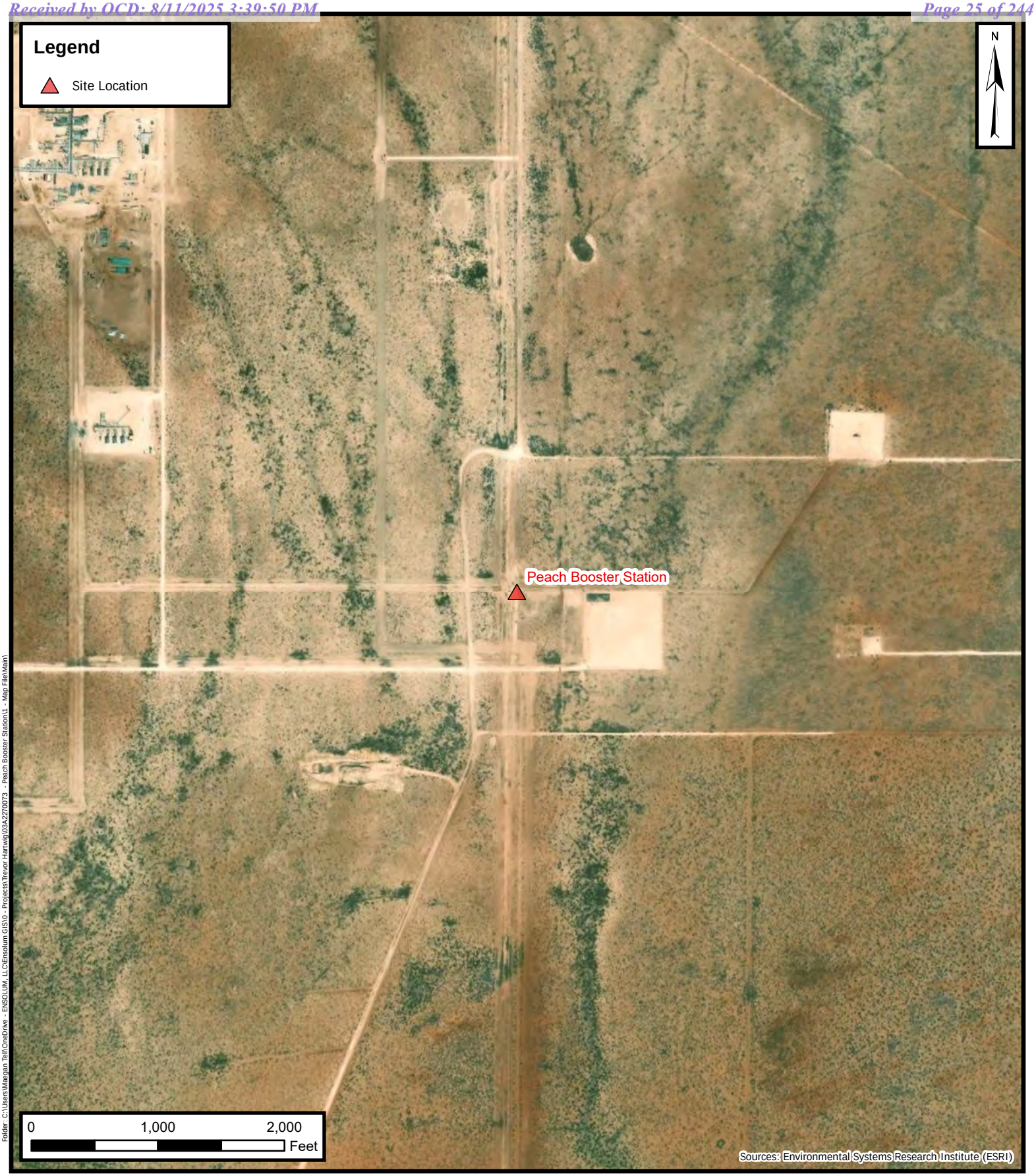
EPA. 2021. Pre-2015 Regulatory Definitionand Practice. Available at: https://www.epa.gov/ wotus/ current-implementation-waters-united-states#Pre-2015

United States Army Corps of Engineers (USACE). 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: https://usace.contentdm.oclc.org/utils/getfile/ collection/p266001coll1/id/7594

USDA Natural Resources Conservation Service (NRCS). 2025. Plant Listof Accepted Nomenclature,Taxonomy,and Symbols(PLANTS)Database. Available at: https:// plants.usda.gov/home

ENSOLUM

Appendix A – Figures



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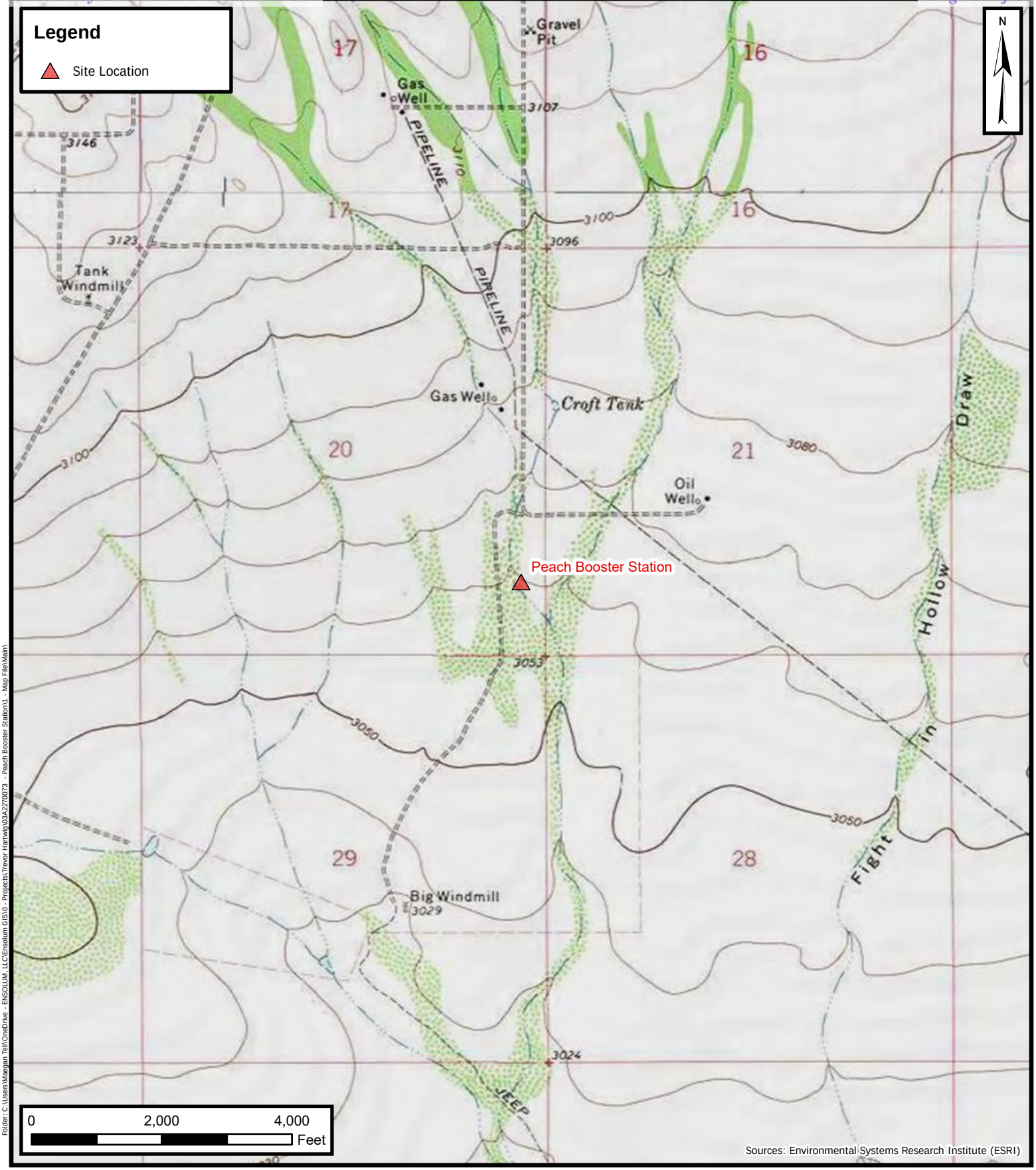
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM
Project Number: 03A2270073

FIGURE
1



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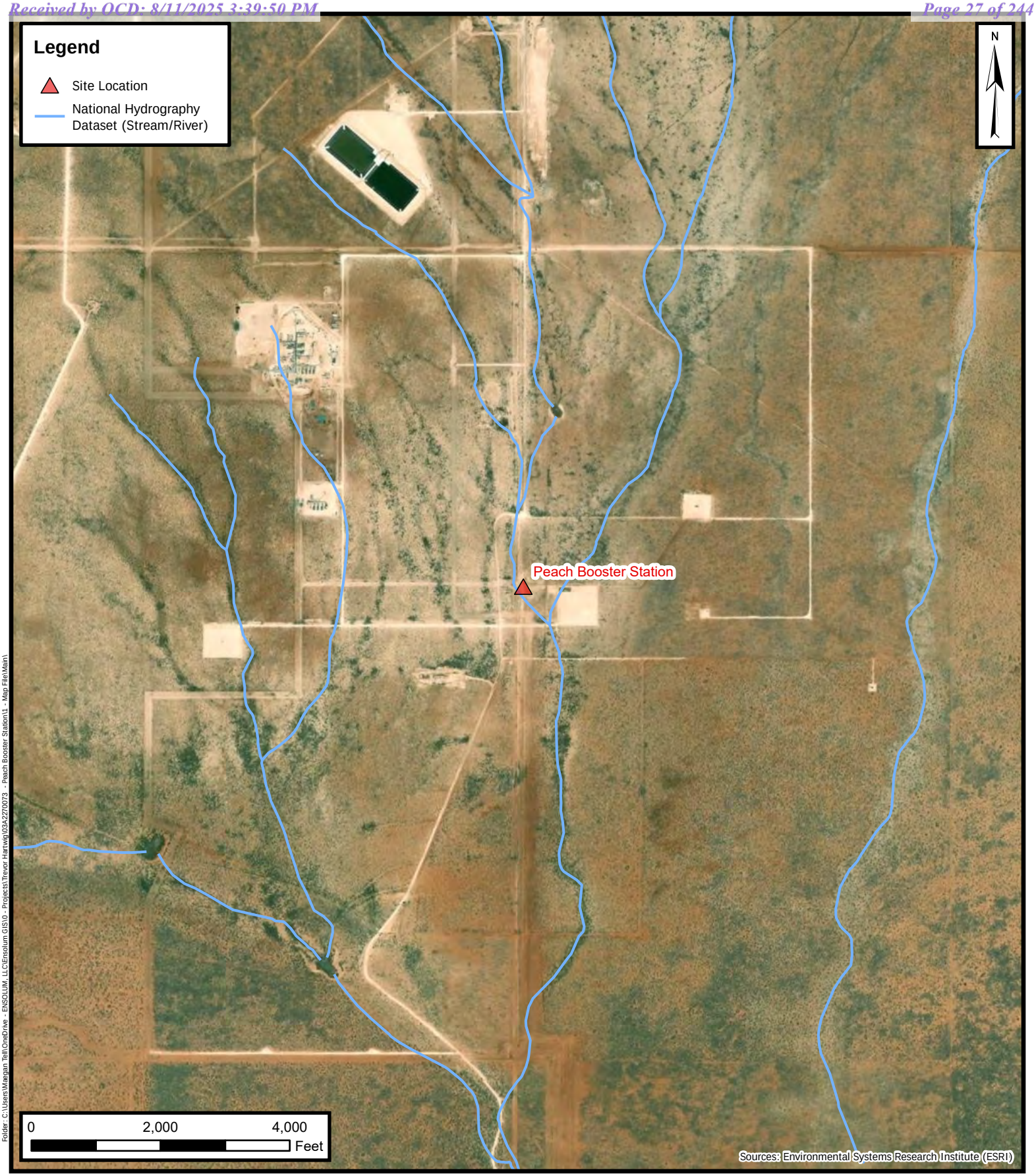
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM
Project Number: 03A2270073

FIGURE
2



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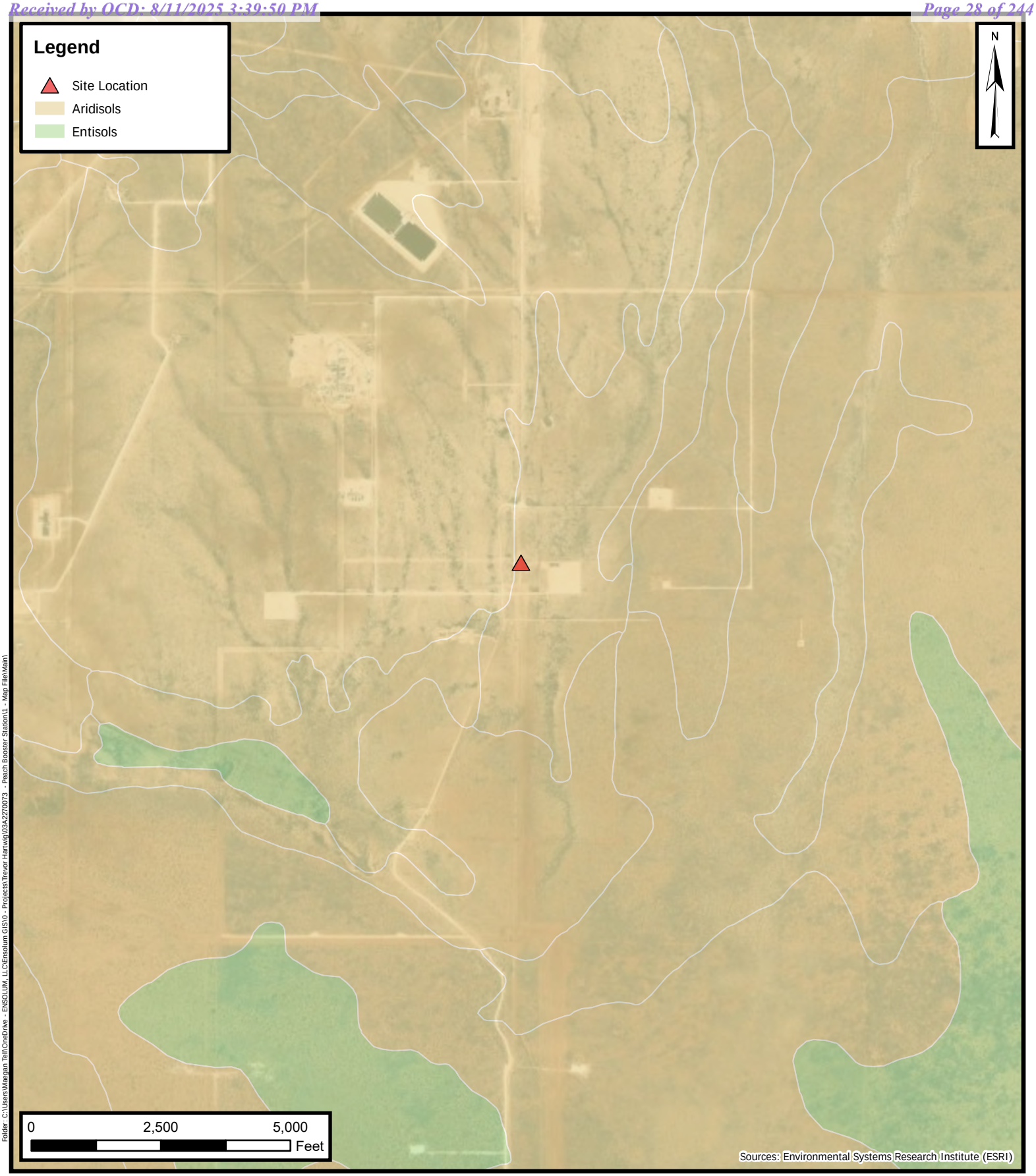
Environmental, Engineering and Hydrogeologic Consultants

National Wetland Inventory

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM

Project Number: 03A2270073

FIGURE
3



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Soil Survey Map

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM

Project Number: 03A2270073

FIGURE
4

On Pointe CONSULTING

PO Box 617
Firestone, CO 80520

August 1, 2025

Mr. Trevor Hartwig
Project Biologist
Ensolum, LLC

RE: Waterway Review for the Peach Booster Station

On Pointe Consulting's (On Pointe's) Professional Wetland Scientist Liz Carner (PWS Certification #2450) reviewed Ensolum, LLC's (Ensolum's) *Wetlands and Waters of the United States Delineation Report*, dated July 11, 2025, to provide a PWS verification of data collected by Ensolum.

Based on the information and photos provided in the report, I concur that no wetlands or Waters of the U.S. are present in the project area as depicted.

Note that I did not perform a site visit and determined this verification based solely on information provided in the abovementioned report.

Liz Carner, PWS #2450

Attachments:
Liz Carner, PWS Resume

RESUME OF QUALIFICATIONS

Education

B.S., Environmental and Forest Biology 2003
SUNY College of Environmental Science and Forestry Syracuse, NY

Capabilities

- *Wetland Delineation Surveys*
- *District-Specific Wetland Functional Assessments*
- *T&E Surveys and Habitat Assessments*
- *Avian & MBTA Clearance Surveys*
- *Vegetation Surveys & Monitoring*
- *Biological Monitoring*
- *Field Survey Coordination & Management*
- *Data Management and QA/QC*
- *Project and Task Management*
- *Environmental Regulatory Report Writing & Permitting*
- *Agency Coordination*

Certifications & Trainings

- *Professional Wetland Scientist (PWS), Society of Wetland Scientists*
- *USACE Wetland Delineation Cert. of Training (40hr course)*
- *Functional Assessments and HGM for Wetlands*
- *Advanced Hydrology for Jurisdictional Determinations*
- *Advanced Hydric Soils*
- *Identification of OHWM/Bankfull for USACE Permitting*
- *BLM Special Status Plant Species Identification Training, Carlsbad, NM Field Office*

Liz Carner, PWS

Co-Founder, Senior Scientist, Project Manager

Liz Carner offers over 20 years of experience as both an independent natural resources consultant and an ecologist for private environmental consultant companies. At On Pointe Consulting, Ms. Carner strives to provide the highest quality field data and act as a liaison between her clients and regulatory agencies, to both protect natural resources while also providing for development and recreational opportunities. Ms. Carner has been certified by the Society of Wetland Scientists as a Professional Wetland Scientist (PWS) (**Certificate #2450**) and will deliver quality, *on pointe* data using a variety of data collection methodologies and standards. She has successfully completed biological field surveys throughout many regions in the U.S., including the Arid West, Intermountain West, Great Plains, Mid Atlantic, Midwest, and the southeast U.S.

Ms. Carner's experience as a field biologist is varied and includes a wide range of field survey skills. She excels at managing and conducting wetland and watercourse delineations and district-specific functional assessments, utilizing applicable U.S. Army Corps of Engineers (USACE) Regional Supplements. She is very familiar with the USACE's current interpretations of jurisdiction under Section 401/404 of the Clean Water Act and will make recommendations to clients for permitting and mitigation requirements. She has conducted wildlife and plant habitat assessments for federal and state threatened and endangered (T&E) species and migratory birds, as well as developed protocols for and completed Migratory Bird Treaty Act (MBTA) nest surveys and monitoring. She has performed wildlife and rare plant species surveys for identification and inventory purposes. Ms. Carner can perform baseline vegetation inventories, vegetation monitoring, and vegetation community mapping using a variety of quantitative and qualitative vegetation sampling methods, including quadrat, Daubenmire, line-intercept, belt transect, and timed-meander search methods.

Once field surveys have been completed, Ms. Carner is proficient at authoring technical reports to summarize field data collection methodologies and results. She is familiar with the reporting requirements for National Environmental Policy Act (NEPA) documentation, including Categorical Exclusions, Letters of Permission, Environmental Assessments, and Environmental Impact Statements. She has provided written documentation of wetland delineations, wetland functional assessments, T&E habitat assessments, MBTA clearance surveys, and vegetation assessments for USACE Nationwide Permits and Individual Permits.

Ms. Carner has extensive experience managing natural resource projects. She will make project design recommendations to minimize impacts and save time and budget. She can manage the logistics of large projects and supervision of several field crews throughout the duration of the project. Ms. Carner can help clients navigate through the regulations applicable to their projects and obtain permits in a timely manner while adhering to the project schedule and budget.

Ms. Carner co-founded On Pointe Consulting in order to provide clients with high quality, science-based field survey data and manage projects with an eye for detail and the best interests of both the client and the environment in mind.

RESUME OF QUALIFICATIONS
Liz Carner

Representative Project Experience (Additional Projects Available on Request)

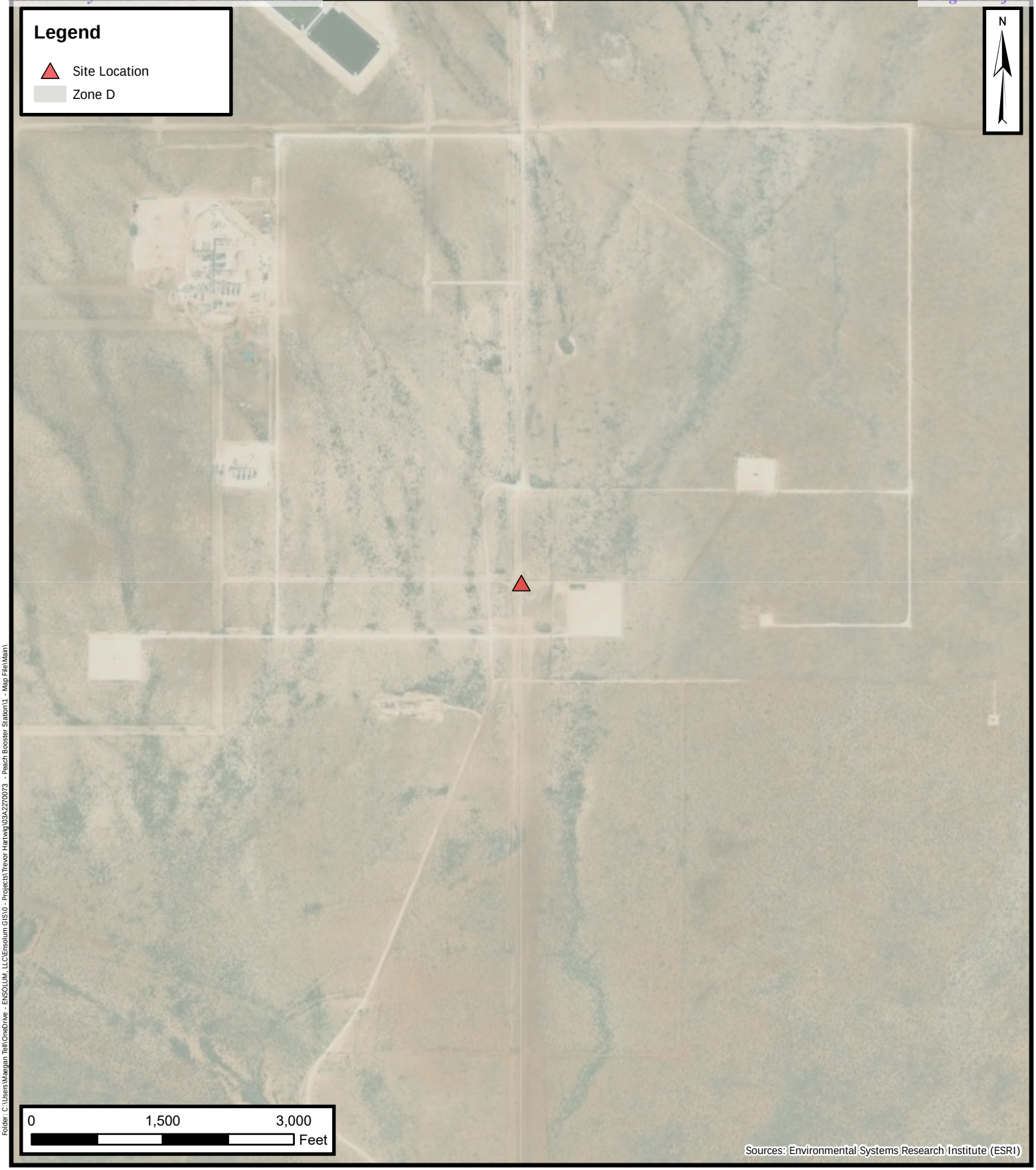
Wetland Delineation and Listed Species Assessment: GreenView Logistics Project. Navajo Nation.
Ms. Carner conducted and managed wetland delineation and listed species habitat assessments for the GreenView Logistics project, which was partially located within the Navajo Nation in New Mexico and Arizona. She used the Arid West USACE Regional Supplement to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species, as well as species identified as species of concern by the Navajo Nation.

Wetland Delineation and T&E Habitat Assessment: Double E Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed 135-mile FERC-regulated pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests, noxious weeds, and biological monitoring and trench monitoring during construction. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Double E Lateral Projects. New Mexico.
Ms. Carner managed and conducted wetland and stream delineations, and various studies for multiple laterals to the 135-mile FERC regulated Double E pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests and noxious weeds. She conducted surveys for the recently listed Dunes Sagebrush Lizard and Lesser Prairie Chicken and coordinated with BLM and USFWS to minimize and mitigate project impacts to these species. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Confidential Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed multiple gathering line laterals in New Mexico and West Texas. She used the Arid West and Great Plains USACE Regional Supplements to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species. She coordinated with the USACE and USFWS for permit approval.

Confidential Solar Energy Projects for Wetland Delineation Services and T&E Habitat Assessment. Colorado.
Ms. Carner biologists provided baseline site assessments and wetland delineation services on two proposed large-scale solar farm sites, totaling over 6,000 acres near Pueblo, Colorado. Approximately 9 miles of stream banks and adjacent riparian habitat were delineated, 200 acres of black-tailed prairie dog colonies were mapped, and 1,000s of acres of short and mixed-grass rangeland were assessed and photo documented. Habitat was assessed for T&E species and species of concern and potential avian nesting habitat was documented.



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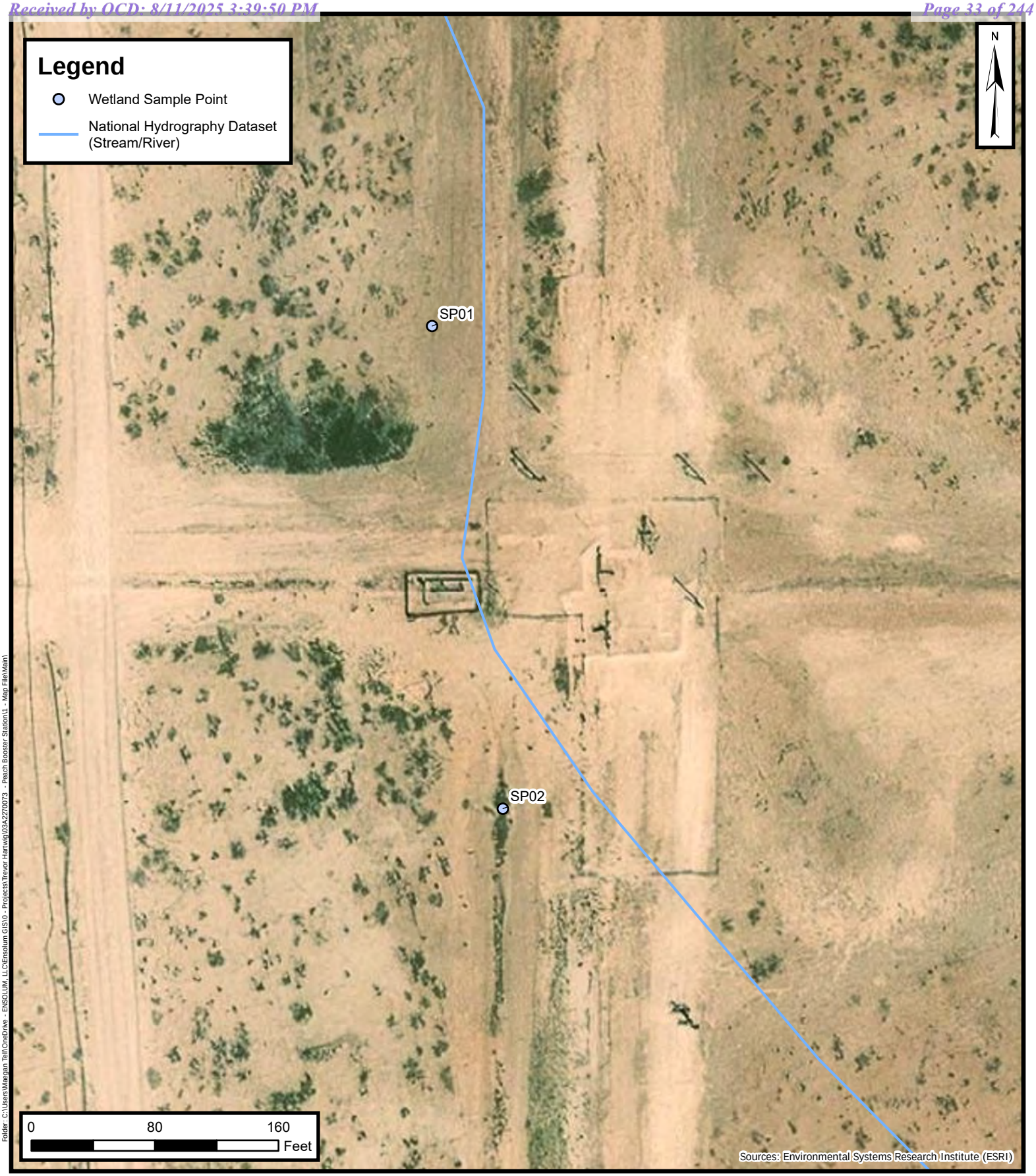
FEMA FIRM Map

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM

Project Number: 03A2270073

FIGURE
5



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ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Wetland Sample Point Map

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM

Project Number: 03A2270073

FIGURE
6

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ENSOLUM
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Aquatic Feature Map

Peach Booster Station
Matador Production Company
32.1112,-103.27963
Lea County, NM

Project Number: 03A2270073

FIGURE
7

ENSOLUM

Appendix B – USGS Soil Report

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico

July 5, 2025

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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Contents

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

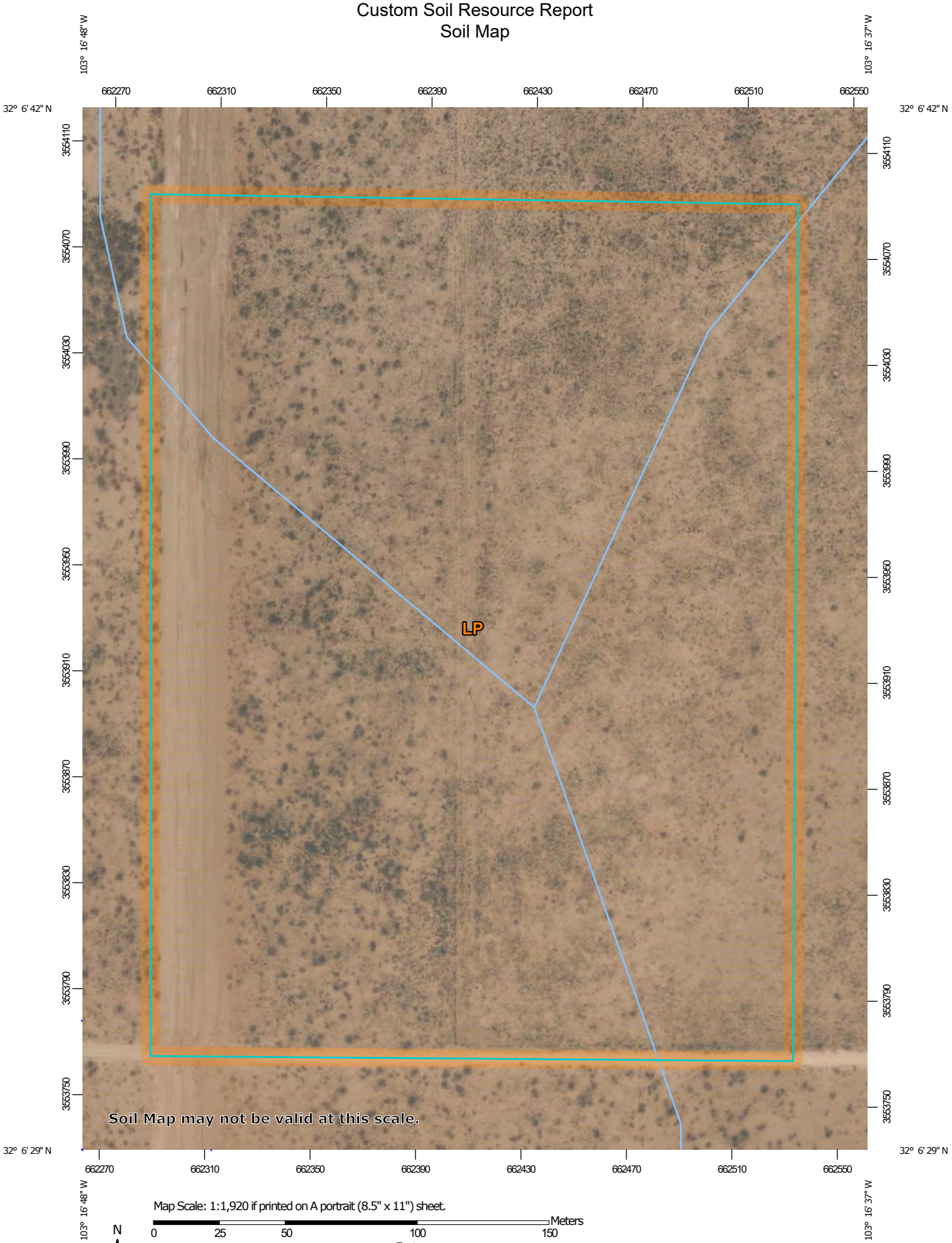
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:1,920 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LP	Largo-Pajarito complex, rarely flooded	19.7	100.0%
Totals for Area of Interest		**19.7**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Lea County, New Mexico

LP—Largo-Pajarito complex, rarely flooded

Map Unit Setting

National map unit symbol: dmq7
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 200 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Largo and similar soils: 45 percent
Pajarito and similar soils: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Largo

Setting

Landform: Alluvial fans, plains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium derived from sedimentary rock

Typical profile

A - 0 to 13 inches: loam
AC - 13 to 30 inches: silty clay loam
C - 30 to 60 inches: silty clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 10.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Pajarito

Setting

Landform: Plains, alluvial fans
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous sandy alluvium and/or mixed sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 16 inches: loamy fine sand
Bw - 16 to 48 inches: fine sandy loam
Bk - 48 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 7 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

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Appendix C – FEMA Floodplain Panel

National Flood Hazard Layer FIRMette

FEMA

103°17'5"W 32°6'56"N

103°16'28"W 32°6'25"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/13/2025 at 9:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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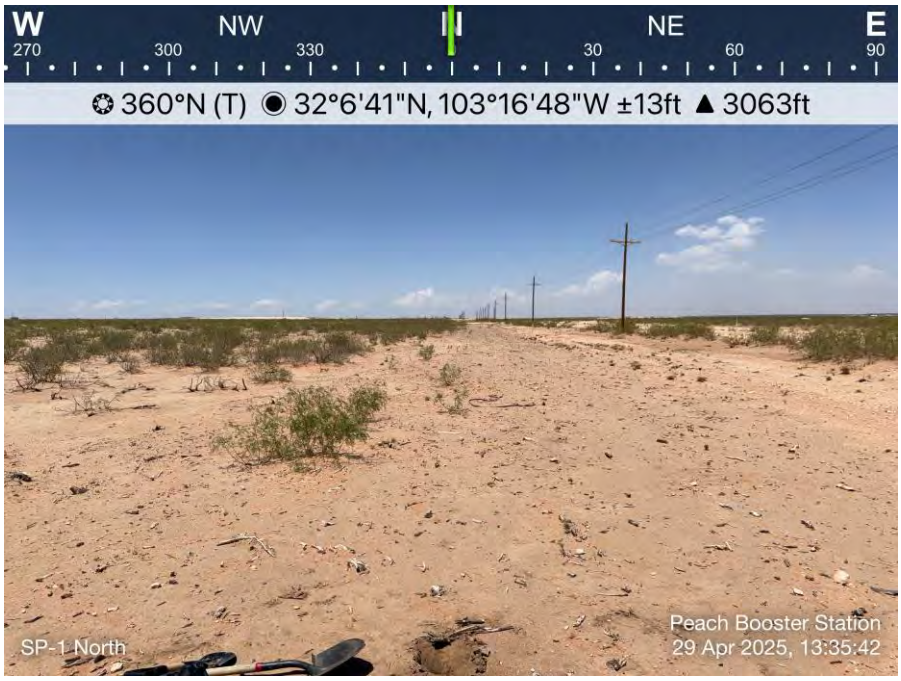
Appendix D – Representative Photographic Log

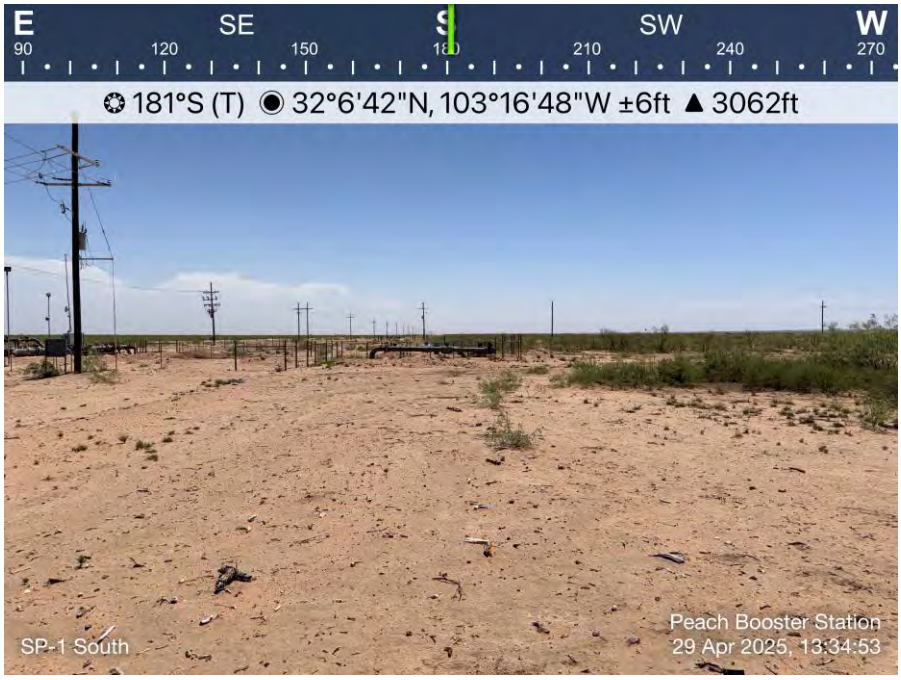


Photograph No. 1

Photo Direction:
North

Photo Description:
Overview of SP-1 location within the survey area.

Photo taken:
04/29/2025

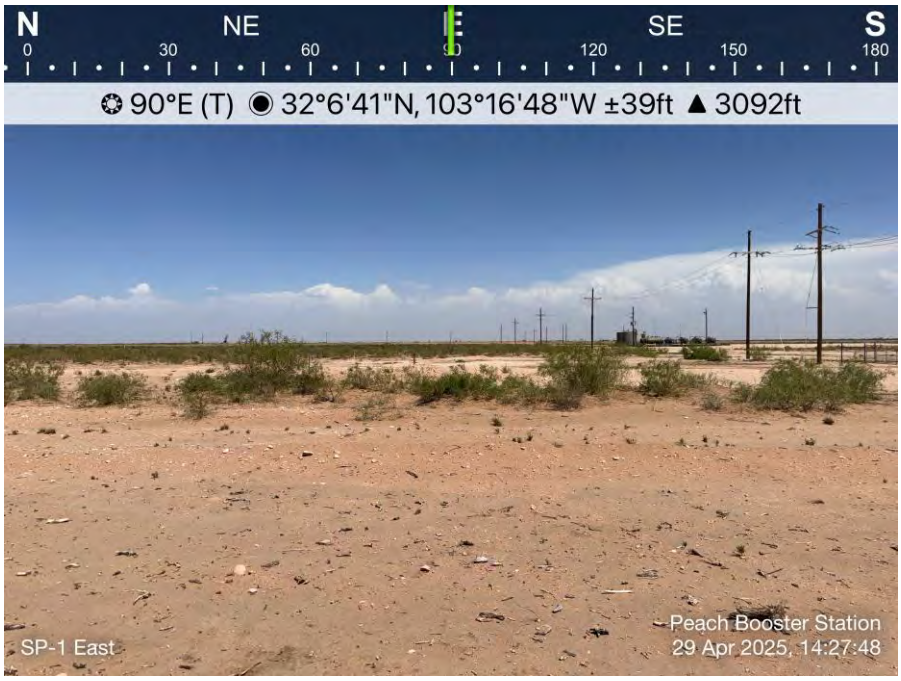


Photograph No. 2

Photo Direction:
South

Photo Description:
Overview of SP-1 location within the survey area.

Photo taken:
04/29/2025

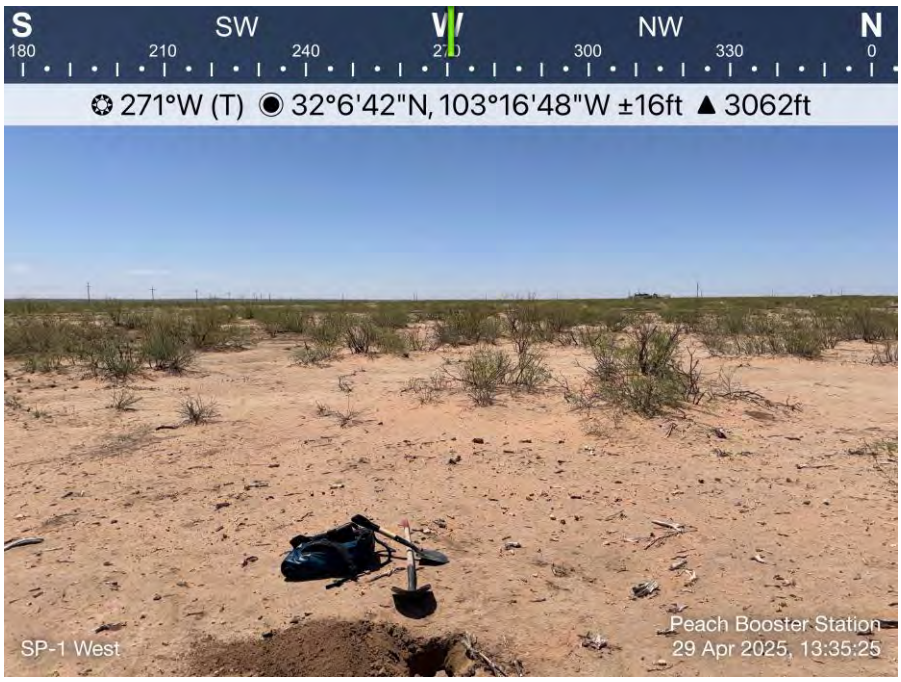


Photograph No. 3

Photo Direction:
East

Photo Description:
Overview of SP-1 location within the survey area.

Photo taken:
04/29/2025

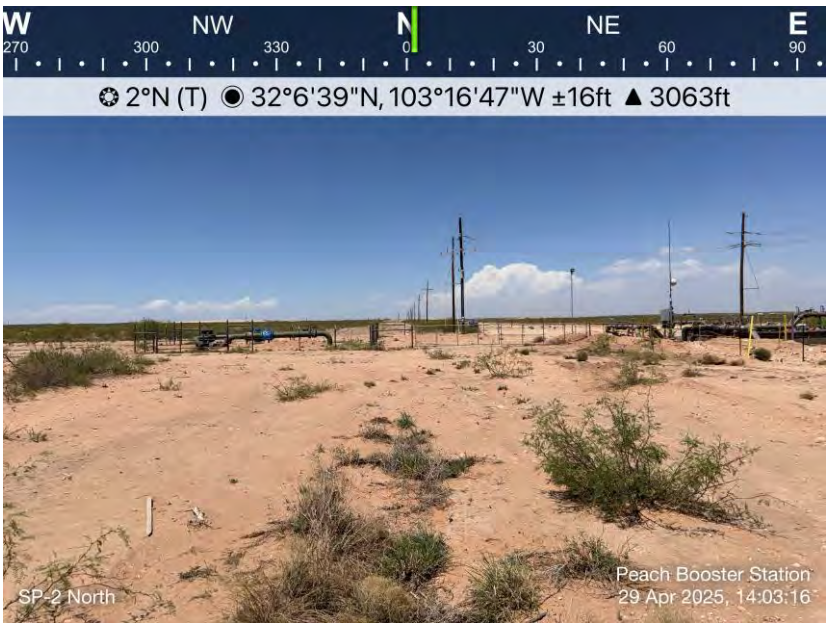


Photograph No. 4

Photo Direction:
West

Photo Description:
Overview of SP-1 location within the survey area.

Photo taken:
04/29/2025



Photograph No. 5

Photo Direction:
North

Photo Description:
Overview of SP-2 location within the survey area.

Photo taken:
04/29/2025

Photograph No. 6

Photo Direction:
South

Photo Description:
Overview of SP-2 location within the survey area.

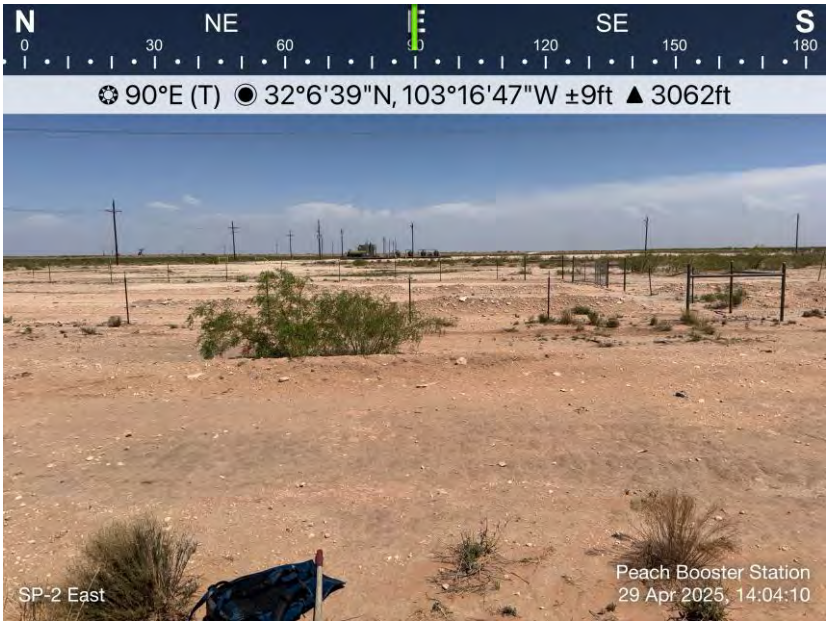
Photo taken:
04/29/2025

Photograph No. 7

Photo Direction:
East

Photo Description:
Overview of SP-2 location within the survey area.

Photo taken:
04/29/2025

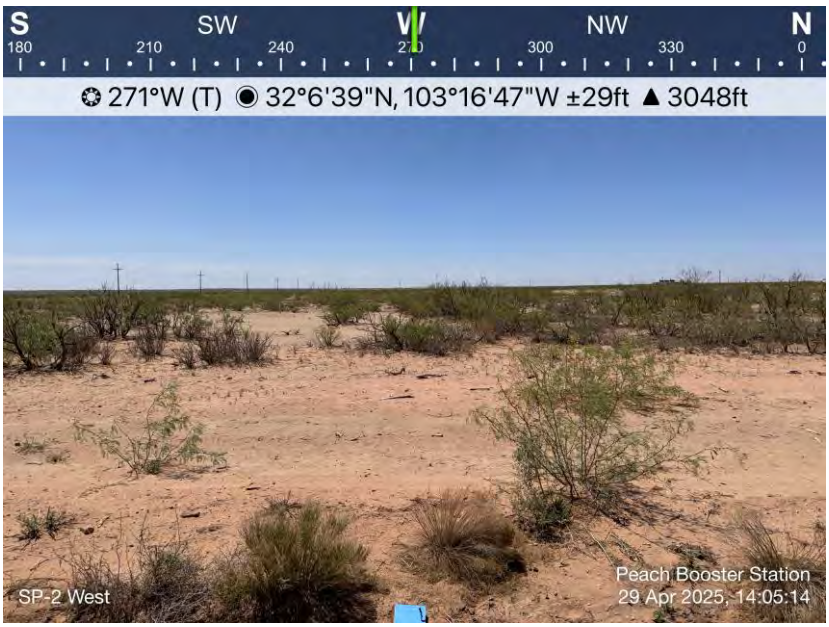


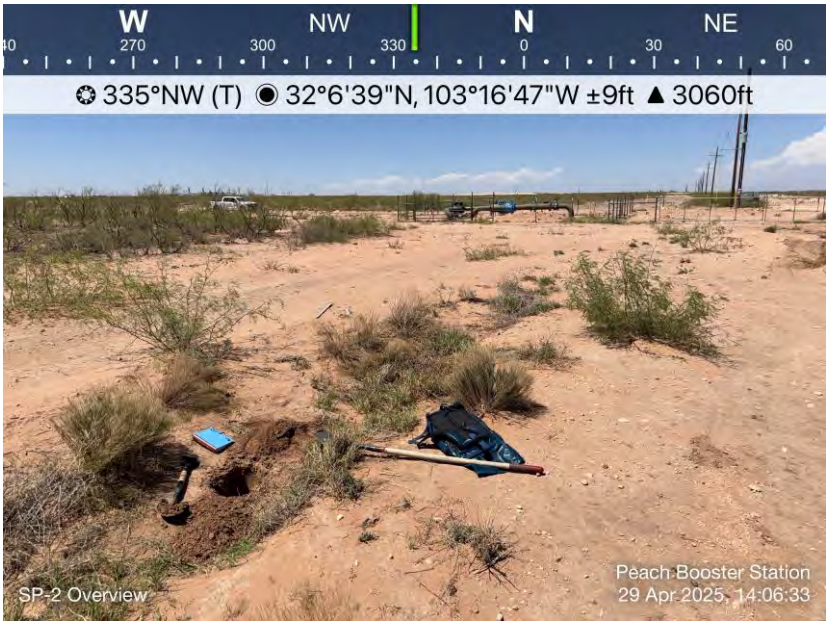
Photograph No. 8

Photo Direction:
West

Photo Description:
Overview of SP-2 location within the survey area.

Photo taken:
04/29/2025





Photograph No. 9

Photo Direction:
Northwest

Photo Description:
Overview of SP-2 location within the survey area.

Photo taken:
04/29/2025

Photograph No. 10

Photo Direction:
East

Photo Description:
View of soil profile for SP-1.

Photo taken:
04/29/2025

Photograph No. 11

Photo Direction:
East

Photo Description:
View of soil profile SP-2.

Photo taken:
04/29/2025

Photograph No. 12

Photo Direction:
Southwest

Photo Description:
View of small drainage feature found at SP-2.

Photo taken:
04/29/2025

Photograph No. 13

Photo Direction:
North

Photo Description:
View of small drainage feature found at SP-2.

Photo taken:
04/29/2025

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Appendix E – Wetland Delineation Data Sheets

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Peach Booster Station City/County: Lea County Sampling Date: 4/29/2025
Applicant/Owner: Matador State: NM Sampling Point: SP-1
Investigator(s): Trevor Hartwig & Azad Vojdani Section, Township, Range: Sec 20, Twn 25S, Rng 36E
Landform (hillslope, terrace, etc.): Shrubland desert Local relief (concave, convex, none): None Slope (%): 1
Subregion (LRR): LRR D Lat: 32.111647 Long: -103.280107 Datum: NAD83
Soil Map Unit Name: Largo-Pajarito complex NWI classification: R4SBJ
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ____ No X
Hydric Soil Present? Yes ____ No X
Wetland Hydrology Present? Yes ____ No X
Is the Sampled Area within a Wetland? Yes ____ No X

Remarks:
Sample point taken along NWI feature with no clear signs of hydrology or hydrophytic vegetation

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30ft)			
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15ft)			
1. Neltuma glandulosa	5	Y	FACU
2.			
3.			
4.			
5.			
	5 = Total Cover		
Herb Stratum (Plot size: 5ft)			
1. Gutierrezia sarothrae	1	Y	UPL
2. Allionia incarnata	1	Y	UPL
3.			
4.			
5.			
6.			
7.			
8.			
	2 = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 98 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	2	x 5 =	10
Column Totals:	7 (A)		30 (B)

Prevalence Index = B/A = 4.28

Hydrophytic Vegetation Indicators:
___ Dominance Test is >50%
___ Prevalence Index is ≤3.0[1]
___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No X

Remarks:
The sample point is made up of mostly honey mesquite (Neltuma glandulosa)

SOIL

Sampling Point: SP-1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Redox Features Type[1]	Redox Features Loc[2]	Texture	Remarks
0-18	10YR 4/4	100					Silty sand	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

No hydric soil indicators present

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ____ No X Depth (inches): _____

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No hydrology present

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Peach Booster Station City/County: Lea County Sampling Date: 4/29/2025
Applicant/Owner: Matador State: NM Sampling Point: SP-2
Investigator(s): Trevor Hartwig & Azad Vajdani Section, Township, Range: Sec 20, Twn 25S, Rng 36E
Landform (hillslope, terrace, etc.): Desert shrubland Local relief (concave, convex, none): None Slope (%): 1
Subregion (LRR): LRR D Lat: 32.110922 Long: -103.279982 Datum: NAD 83
Soil Map Unit Name: Largo-Pajarrito complex NWI classification: R4SBJ
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	Is the Sampled Area within a Wetland? Yes ____ No X
Hydric Soil Present?	Yes ____	No X	
Wetland Hydrology Present?	Yes X	No ____	

Remarks:
The sample point was taken at a small drainage feature

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30 ft)			
1.			
2.			
3.			
4.			
	____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 15 ft)			
1. Atriplex canescens	3		UPL
2. Neltuma glandulosa	10	Y	FACU
3.			
4.			
5.			
	13 = Total Cover		
Herb Stratum (Plot size: 5 ft)			
1. Sphaeralcea hastulata	5		UPL
2. Solanacea elegans	2		UPL
3. Gutierrezia sarothrae	20	Y	UPL
4. Setaria leucopila	35	Y	UPL
5.			
6.			
7.			
8.			
	75 = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____ = Total Cover		

% Bare Ground in Herb Stratum 38 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	0	x 3 =	
FACU species	10	x 4 =	40
UPL species	65	x 5 =	325
Column Totals:	75 (A)		365 (B)

Prevalence Index = B/A = 4.86

Hydrophytic Vegetation Indicators:
___ Dominance Test is >50%
___ Prevalence Index is ≤3.0[1]
___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No X

Remarks:
Most of the plants are upland species

SOIL

Sampling Point: SP-2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	5YR 4/4	90	5YR 6/8	10	D	M	Silty loam	
4-18	5YR 4/4	80	5YR 6/8	20	D	M	Silty loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ___ No X

Remarks:

No hydric soil indicators present

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
- X Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- X Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✓ Depth (inches): _____

Water Table Present? Yes ___ No ✓ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ___ No ✓ Depth (inches): _____

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

There was visable signs of soil cracks and there is evidence of a drainage pattern from precipitation events

ENSOLUM

Appendix F – Professional Wetland Scientist Review

On Pointe CONSULTING

PO Box 617
Firestone, CO 80520

August 1, 2025

Mr. Trevor Hartwig
Project Biologist
Ensolum, LLC

RE: Waterway Review for the Peach Booster Station

On Pointe Consulting's (On Pointe's) Professional Wetland Scientist Liz Carner (PWS Certification #2450) reviewed Ensolum, LLC's (Ensolum's) *Wetlands and Waters of the United States Delineation Report*, dated July 11, 2025, to provide a PWS verification of data collected by Ensolum.

Based on the information and photos provided in the report, I concur that no wetlands or Waters of the U.S. are present in the project area as depicted.

Note that I did not perform a site visit and determined this verification based solely on information provided in the abovementioned report.

Liz Carner, PWS #2450

Attachments:
Liz Carner, PWS Resume

RESUME OF QUALIFICATIONS

Education

B.S., Environmental and Forest Biology 2003
SUNY College of Environmental Science and Forestry Syracuse, NY

Capabilities

- *Wetland Delineation Surveys*
- *District-Specific Wetland Functional Assessments*
- *T&E Surveys and Habitat Assessments*
- *Avian & MBTA Clearance Surveys*
- *Vegetation Surveys & Monitoring*
- *Biological Monitoring*
- *Field Survey Coordination & Management*
- *Data Management and QA/QC*
- *Project and Task Management*
- *Environmental Regulatory Report Writing & Permitting*
- *Agency Coordination*

Certifications & Trainings

- *Professional Wetland Scientist (PWS), Society of Wetland Scientists*
- *USACE Wetland Delineation Cert. of Training (40hr course)*
- *Functional Assessments and HGM for Wetlands*
- *Advanced Hydrology for Jurisdictional Determinations*
- *Advanced Hydric Soils*
- *Identification of OHWM/Bankfull for USACE Permitting*
- *BLM Special Status Plant Species Identification Training, Carlsbad, NM Field Office*

Liz Carner, PWS

Co-Founder, Senior Scientist, Project Manager

Liz Carner offers over 20 years of experience as both an independent natural resources consultant and an ecologist for private environmental consultant companies. At On Pointe Consulting, Ms. Carner strives to provide the highest quality field data and act as a liaison between her clients and regulatory agencies, to both protect natural resources while also providing for development and recreational opportunities. Ms. Carner has been certified by the Society of Wetland Scientists as a Professional Wetland Scientist (PWS) (**Certificate #2450**) and will deliver quality, *on pointe* data using a variety of data collection methodologies and standards. She has successfully completed biological field surveys throughout many regions in the U.S., including the Arid West, Intermountain West, Great Plains, Mid Atlantic, Midwest, and the southeast U.S.

Ms. Carner's experience as a field biologist is varied and includes a wide range of field survey skills. She excels at managing and conducting wetland and watercourse delineations and district-specific functional assessments, utilizing applicable U.S. Army Corps of Engineers (USACE) Regional Supplements. She is very familiar with the USACE's current interpretations of jurisdiction under Section 401/404 of the Clean Water Act and will make recommendations to clients for permitting and mitigation requirements. She has conducted wildlife and plant habitat assessments for federal and state threatened and endangered (T&E) species and migratory birds, as well as developed protocols for and completed Migratory Bird Treaty Act (MBTA) nest surveys and monitoring. She has performed wildlife and rare plant species surveys for identification and inventory purposes. Ms. Carner can perform baseline vegetation inventories, vegetation monitoring, and vegetation community mapping using a variety of quantitative and qualitative vegetation sampling methods, including quadrat, Daubenmire, line-intercept, belt transect, and timed-meander search methods.

Once field surveys have been completed, Ms. Carner is proficient at authoring technical reports to summarize field data collection methodologies and results. She is familiar with the reporting requirements for National Environmental Policy Act (NEPA) documentation, including Categorical Exclusions, Letters of Permission, Environmental Assessments, and Environmental Impact Statements. She has provided written documentation of wetland delineations, wetland functional assessments, T&E habitat assessments, MBTA clearance surveys, and vegetation assessments for USACE Nationwide Permits and Individual Permits.

Ms. Carner has extensive experience managing natural resource projects. She will make project design recommendations to minimize impacts and save time and budget. She can manage the logistics of large projects and supervision of several field crews throughout the duration of the project. Ms. Carner can help clients navigate through the regulations applicable to their projects and obtain permits in a timely manner while adhering to the project schedule and budget.

Ms. Carner co-founded On Pointe Consulting in order to provide clients with high quality, science-based field survey data and manage projects with an eye for detail and the best interests of both the client and the environment in mind.

RESUME OF QUALIFICATIONS
Liz Carner

Representative Project Experience (Additional Projects Available on Request)

Wetland Delineation and Listed Species Assessment: GreenView Logistics Project. Navajo Nation.
Ms. Carner conducted and managed wetland delineation and listed species habitat assessments for the GreenView Logistics project, which was partially located within the Navajo Nation in New Mexico and Arizona. She used the Arid West USACE Regional Supplement to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species, as well as species identified as species of concern by the Navajo Nation.

Wetland Delineation and T&E Habitat Assessment: Double E Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed 135-mile FERC-regulated pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests, noxious weeds, and biological monitoring and trench monitoring during construction. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Double E Lateral Projects. New Mexico.
Ms. Carner managed and conducted wetland and stream delineations, and various studies for multiple laterals to the 135-mile FERC regulated Double E pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests and noxious weeds. She conducted surveys for the recently listed Dunes Sagebrush Lizard and Lesser Prairie Chicken and coordinated with BLM and USFWS to minimize and mitigate project impacts to these species. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Confidential Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed multiple gathering line laterals in New Mexico and West Texas. She used the Arid West and Great Plains USACE Regional Supplements to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species. She coordinated with the USACE and USFWS for permit approval.

Confidential Solar Energy Projects for Wetland Delineation Services and T&E Habitat Assessment. Colorado.
Ms. Carner biologists provided baseline site assessments and wetland delineation services on two proposed large-scale solar farm sites, totaling over 6,000 acres near Pueblo, Colorado. Approximately 9 miles of stream banks and adjacent riparian habitat were delineated, 200 acres of black-tailed prairie dog colonies were mapped, and 1,000s of acres of short and mixed-grass rangeland were assessed and photo documented. Habitat was assessed for T&E species and species of concern and potential avian nesting habitat was documented.

ENSOLUM

Appendix E – Wetland Delineation Data Sheets

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Peach Booster Station City/County: Lea County Sampling Date: 4/29/2025
Applicant/Owner: Matador State: NM Sampling Point: SP-1
Investigator(s): Trevor Hartwig & Azad Vojdani Section, Township, Range: Sec 20, Twn 25S, Rng 36E
Landform (hillslope, terrace, etc.): Shrubland desert Local relief (concave, convex, none): None Slope (%): 1
Subregion (LRR): LRR D Lat: 32.111647 Long: -103.280107 Datum: NAD83
Soil Map Unit Name: Largo-Pajarito complex NWI classification: R4SBJ
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ____ No X
Hydric Soil Present? Yes ____ No X
Wetland Hydrology Present? Yes ____ No X
Is the Sampled Area within a Wetland? Yes ____ No X

Remarks:
Sample point taken along NWI feature with no clear signs of hydrology or hydrophytic vegetation

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30ft)			
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15ft)			
1. Neltuma glandulosa	5	Y	FACU
2.			
3.			
4.			
5.			
	5 = Total Cover		
Herb Stratum (Plot size: 5ft)			
1. Gutierrezia sarothrae	1	Y	UPL
2. Allionia incarnata	1	Y	UPL
3.			
4.			
5.			
6.			
7.			
8.			
	2 = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 98 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	2	x 5 =	10
Column Totals:	7 (A)		30 (B)

Prevalence Index = B/A = 4.28

Hydrophytic Vegetation Indicators:
___ Dominance Test is >50%
___ Prevalence Index is ≤3.0[1]
___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No X

Remarks:
The sample point is made up of mostly honey mesquite (Neltuma glandulosa)

SOIL

Sampling Point: SP-1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Redox Features Type[1]	Redox Features Loc[2]	Texture	Remarks
0-18	10YR 4/4	100					Silty sand	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

No hydric soil indicators present

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ____ No X Depth (inches): _____

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No hydrology present

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Peach Booster Station City/County: Lea County Sampling Date: 4/29/2025
Applicant/Owner: Matador State: NM Sampling Point: SP-2
Investigator(s): Trevor Hartwig & Azad Vajdani Section, Township, Range: Sec 20, Twn 25S, Rng 36E
Landform (hillslope, terrace, etc.): Desert shrubland Local relief (concave, convex, none): None Slope (%): 1
Subregion (LRR): LRR D Lat: 32.110922 Long: -103.279982 Datum: NAD 83
Soil Map Unit Name: Largo-Pajarrito complex NWI classification: R4SBJ
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	Is the Sampled Area within a Wetland? Yes ____ No X
Hydric Soil Present?	Yes ____	No X	
Wetland Hydrology Present?	Yes X	No ____	

Remarks:
The sample point was taken at a small drainage feature

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30 ft)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15 ft)			
1. Atriplex canescens	3		UPL
2. Neltuma glandulosa	10	Y	FACU
3.			
4.			
5.			
	13 = Total Cover		
Herb Stratum (Plot size: 5 ft)			
1. Sphaeralcea hastulata	5		UPL
2. Solanacea elegans	2		UPL
3. Gutierrezia sarothrae	20	Y	UPL
4. Setaria leucopila	35	Y	UPL
5.			
6.			
7.			
8.			
	75 = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 38 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species 0	x 1 =
FACW species 0	x 2 =
FAC species 0	x 3 =
FACU species 10	x 4 = 40
UPL species 65	x 5 = 325
Column Totals: 75 (A)	365 (B)

Prevalence Index = B/A = 4.86

Hydrophytic Vegetation Indicators:
___ Dominance Test is >50%
___ Prevalence Index is ≤3.0[1]
___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No X

Remarks:
Most of the plants are upland species

SOIL

Sampling Point: SP-2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	5YR 4/4	90	5YR 6/8	10	D	M	Silty loam	
4-18	5YR 4/4	80	5YR 6/8	20	D	M	Silty loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ___ No X

Remarks:

No hydric soil indicators present

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
- X Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- X Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✓ Depth (inches): _____

Water Table Present? Yes ___ No ✓ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ___ No ✓ Depth (inches): _____

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

There was visable signs of soil cracks and there is evidence of a drainage pattern from precipitation events

ENSOLUM

Appendix F – Professional Wetland Scientist Review

On Pointe CONSULTING

PO Box 617
Firestone, CO 80520

August 1, 2025

Mr. Trevor Hartwig
Project Biologist
Ensolum, LLC

RE: Waterway Review for the Peach Booster Station

On Pointe Consulting's (On Pointe's) Professional Wetland Scientist Liz Carner (PWS Certification #2450) reviewed Ensolum, LLC's (Ensolum's) *Wetlands and Waters of the United States Delineation Report*, dated July 11, 2025, to provide a PWS verification of data collected by Ensolum.

Based on the information and photos provided in the report, I concur that no wetlands or Waters of the U.S. are present in the project area as depicted.

Note that I did not perform a site visit and determined this verification based solely on information provided in the abovementioned report.

Liz Carner, PWS #2450

Attachments:
Liz Carner, PWS Resume

RESUME OF QUALIFICATIONS

Education

B.S., Environmental and Forest Biology 2003
SUNY College of Environmental Science and Forestry Syracuse, NY

Capabilities

- *Wetland Delineation Surveys*
- *District-Specific Wetland Functional Assessments*
- *T&E Surveys and Habitat Assessments*
- *Avian & MBTA Clearance Surveys*
- *Vegetation Surveys & Monitoring*
- *Biological Monitoring*
- *Field Survey Coordination & Management*
- *Data Management and QA/QC*
- *Project and Task Management*
- *Environmental Regulatory Report Writing & Permitting*
- *Agency Coordination*

Certifications & Trainings

- *Professional Wetland Scientist (PWS), Society of Wetland Scientists*
- *USACE Wetland Delineation Cert. of Training (40hr course)*
- *Functional Assessments and HGM for Wetlands*
- *Advanced Hydrology for Jurisdictional Determinations*
- *Advanced Hydric Soils*
- *Identification of OHWM/Bankfull for USACE Permitting*
- *BLM Special Status Plant Species Identification Training, Carlsbad, NM Field Office*

Liz Carner, PWS

Co-Founder, Senior Scientist, Project Manager

Liz Carner offers over 20 years of experience as both an independent natural resources consultant and an ecologist for private environmental consultant companies. At On Pointe Consulting, Ms. Carner strives to provide the highest quality field data and act as a liaison between her clients and regulatory agencies, to both protect natural resources while also providing for development and recreational opportunities. Ms. Carner has been certified by the Society of Wetland Scientists as a Professional Wetland Scientist (PWS) (**Certificate #2450**) and will deliver quality, *on pointe* data using a variety of data collection methodologies and standards. She has successfully completed biological field surveys throughout many regions in the U.S., including the Arid West, Intermountain West, Great Plains, Mid Atlantic, Midwest, and the southeast U.S.

Ms. Carner's experience as a field biologist is varied and includes a wide range of field survey skills. She excels at managing and conducting wetland and watercourse delineations and district-specific functional assessments, utilizing applicable U.S. Army Corps of Engineers (USACE) Regional Supplements. She is very familiar with the USACE's current interpretations of jurisdiction under Section 401/404 of the Clean Water Act and will make recommendations to clients for permitting and mitigation requirements. She has conducted wildlife and plant habitat assessments for federal and state threatened and endangered (T&E) species and migratory birds, as well as developed protocols for and completed Migratory Bird Treaty Act (MBTA) nest surveys and monitoring. She has performed wildlife and rare plant species surveys for identification and inventory purposes. Ms. Carner can perform baseline vegetation inventories, vegetation monitoring, and vegetation community mapping using a variety of quantitative and qualitative vegetation sampling methods, including quadrat, Daubenmire, line-intercept, belt transect, and timed-meander search methods.

Once field surveys have been completed, Ms. Carner is proficient at authoring technical reports to summarize field data collection methodologies and results. She is familiar with the reporting requirements for National Environmental Policy Act (NEPA) documentation, including Categorical Exclusions, Letters of Permission, Environmental Assessments, and Environmental Impact Statements. She has provided written documentation of wetland delineations, wetland functional assessments, T&E habitat assessments, MBTA clearance surveys, and vegetation assessments for USACE Nationwide Permits and Individual Permits.

Ms. Carner has extensive experience managing natural resource projects. She will make project design recommendations to minimize impacts and save time and budget. She can manage the logistics of large projects and supervision of several field crews throughout the duration of the project. Ms. Carner can help clients navigate through the regulations applicable to their projects and obtain permits in a timely manner while adhering to the project schedule and budget.

Ms. Carner co-founded On Pointe Consulting in order to provide clients with high quality, science-based field survey data and manage projects with an eye for detail and the best interests of both the client and the environment in mind.

RESUME OF QUALIFICATIONS
Liz Carner

Representative Project Experience (Additional Projects Available on Request)

Wetland Delineation and Listed Species Assessment: GreenView Logistics Project. Navajo Nation.
Ms. Carner conducted and managed wetland delineation and listed species habitat assessments for the GreenView Logistics project, which was partially located within the Navajo Nation in New Mexico and Arizona. She used the Arid West USACE Regional Supplement to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species, as well as species identified as species of concern by the Navajo Nation.

Wetland Delineation and T&E Habitat Assessment: Double E Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed 135-mile FERC-regulated pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests, noxious weeds, and biological monitoring and trench monitoring during construction. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Double E Lateral Projects. New Mexico.
Ms. Carner managed and conducted wetland and stream delineations, and various studies for multiple laterals to the 135-mile FERC regulated Double E pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests and noxious weeds. She conducted surveys for the recently listed Dunes Sagebrush Lizard and Lesser Prairie Chicken and coordinated with BLM and USFWS to minimize and mitigate project impacts to these species. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Confidential Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed multiple gathering line laterals in New Mexico and West Texas. She used the Arid West and Great Plains USACE Regional Supplements to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species. She coordinated with the USACE and USFWS for permit approval.

Confidential Solar Energy Projects for Wetland Delineation Services and T&E Habitat Assessment. Colorado.
Ms. Carner biologists provided baseline site assessments and wetland delineation services on two proposed large-scale solar farm sites, totaling over 6,000 acres near Pueblo, Colorado. Approximately 9 miles of stream banks and adjacent riparian habitat were delineated, 200 acres of black-tailed prairie dog colonies were mapped, and 1,000s of acres of short and mixed-grass rangeland were assessed and photo documented. Habitat was assessed for T&E species and species of concern and potential avian nesting habitat was documented.

ENSOLUM

APPENDIX C

Photographic Log

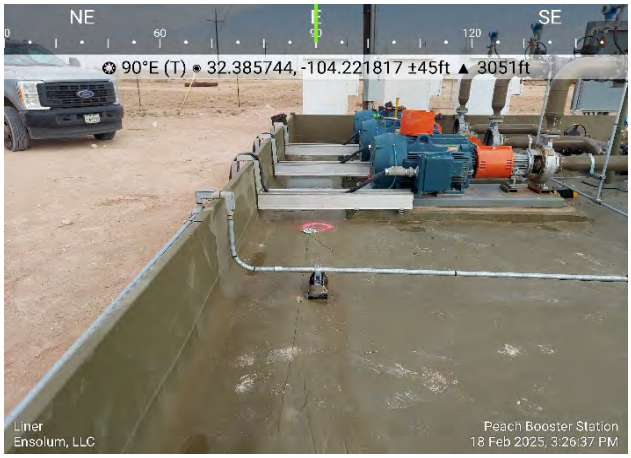
ENSOLUM

Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069

Photograph 1 Date: 2/18/2025
Description: Liner Inspection (Surface Flaws)
View: East

Photograph 2 Date: 2/18/2025
Description: Liner Inspection (Surface Flaws)
View: West

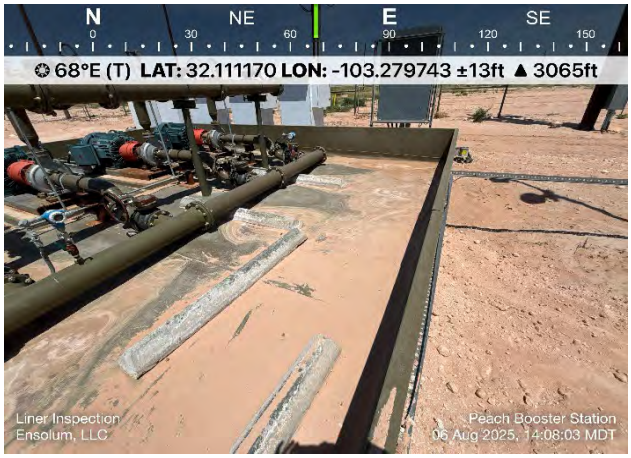
Photograph 3 Date: 2/18/2025
Description: Liner Inspection (Surface Flaw)
View: South



Photograph 4 Date: 2/18/2025
Description: Liner Inspection (Hole)
View: East

ENSOLUM

Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069



Photograph 5 Date: 2/18/2025
Description: Photo Retake (Correct GPS)
View: East

Photograph 6 Date: 2/18/2025
Description: Photo Retake (Correct GPS)
View: West

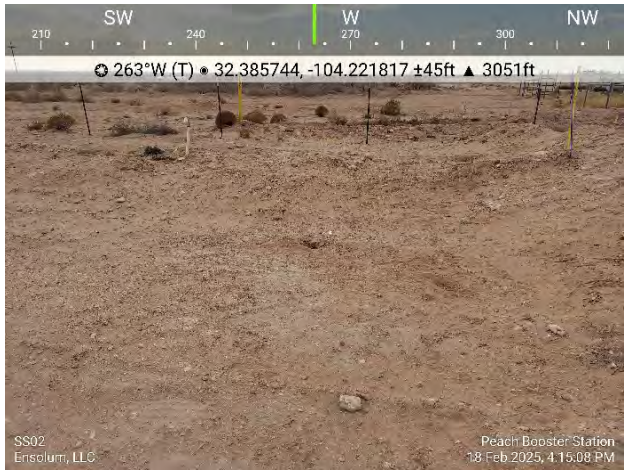
Photograph 7 Date: 2/18/2025
Description: Photo Retake (Correct GPS)
View: South

Photograph 8 Date: 2/18/2025
Description: Photo Retake (Correct GPS)
View: East

ENSOLUM

Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069

Photograph 9 Date: 2/18/2025
Description: SS01
View: Northwest



Photograph 10 Date: 2/18/2025
Description: SS02
View: West

Photograph 11 Date: 2/18/2025
Description: SS03
View: Northeast

Photograph 12 Date: 2/18/2025
Description: SS04
View: East

ENSOLUM

Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069

Photograph 13 Date: 2/21/2025
Description: BH01
View: South

Photograph 14 Date: 2/21/2025
Description: BH01
View: South

Replace Later

Photograph 15 Date: 2/21/2025
Description: BH01
View: East

Photograph 16 Date: 3/5/2025
Description: BH02
View: East

ENSOLUM

Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069

Photograph 17 Date: 3/12/2025
Description: BH01 Liner Patched
View: Southeast

Photograph 18 Date: 3/12/2025
Description: BH03
View: Southwest

Replace Later

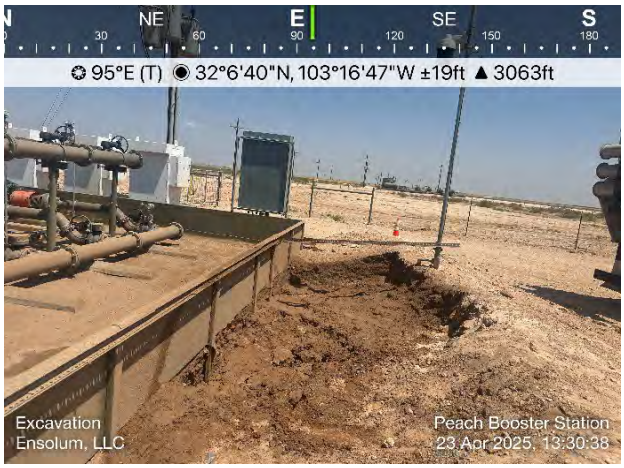
Photograph 19 Date: 3/13/2025
Description: BH03
View: Southwest

Photograph 20 Date: 3/13/2025
Description: BH03 Backfilled
View: South

ENSOLUM

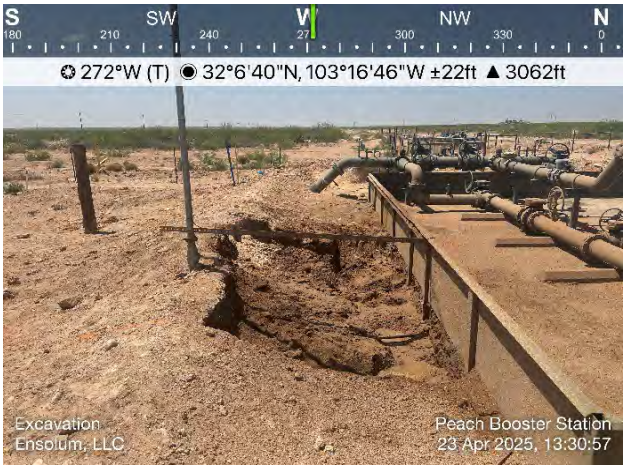
Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069

Photograph 21 Date: 4/23/2025
Description: Excavation
View: West

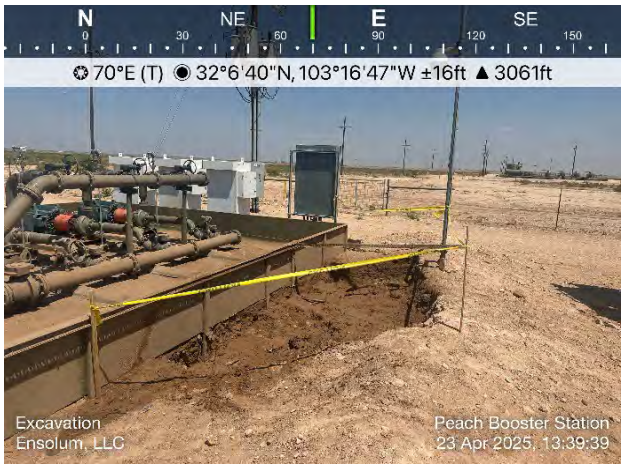


Photograph 22 Date: 4/23/2025
Description: Excavation
View: East

Replace Later



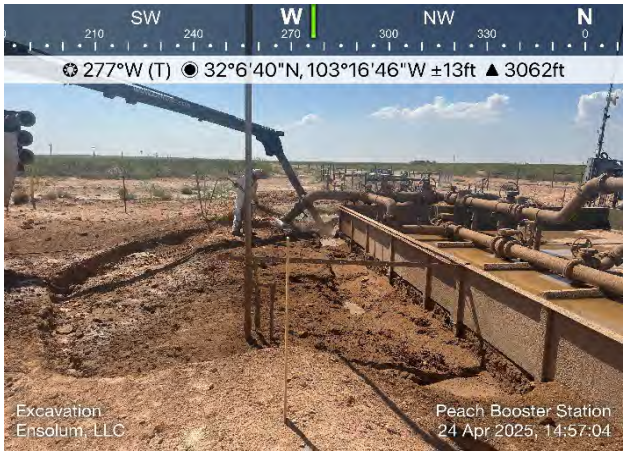
Photograph 23 Date: 4/23/2025
Description: Excavation
View: West



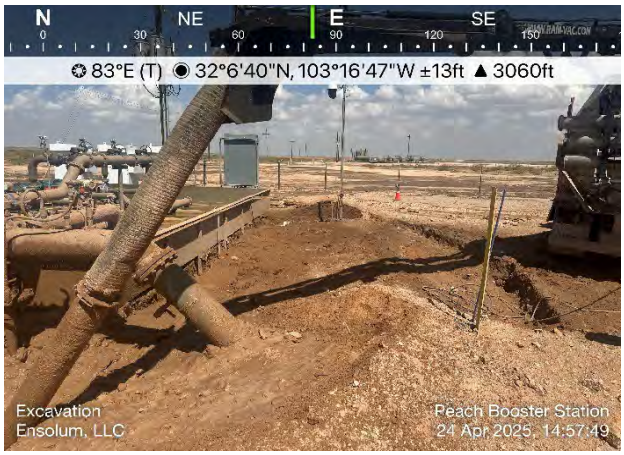
Photograph 24 Date: 4/23/2025
Description: Excavation
View: Northeast

ENSOLUM

Photographic Log
Matador Production Company
Peach Booster Station
nAPP2504351069



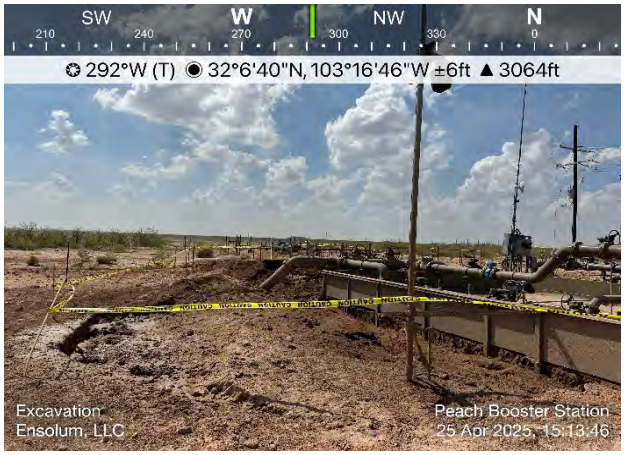
Photograph 25 Date: 4/24/2025
Description: Excavation
View: West



Photograph 26 Date: 4/24/2025
Description: Excavation
View: East

Replace Later

Photograph 27 Date: 4/25/2025
Description: Excavation
View: South



Photograph 28 Date: 4/25/2025
Description: Excavation
View: West

ENSOLUM

APPENDIX D

Lithologic Soil Sampling Logs

ENSOLUM

Sample Name: BH01	Date: 2/21/2025	
Site Name: Peach Booster Station		
Incident Number: nAPP2504351069		
Job Number: 03A2270073		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Hand auger
Coordinates: 32.111202, -103.279760	Hole Diameter: 3"	Total Depth: 6.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. 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
M			Y	BH01	0	0	CCHE	Moist, stained, with 15% coarse-grained sediment/rocks, rocks are angular, Nonplasticity, not cohesive
M	>3,589		N	BH01	1	1	OL/OH	Moist, not stained, with 15% coarse-grained sediment/rocks, rocks are angular, Nonplasticity, not cohesive
M	>3,589		N	BH01	2	2		
M	1,478		N	BH01	3	3		
M	1,265		N	BH01	4	4		
M	918		N	BH01	5	5	CCHE	Moist, Tan caliche with 10% angular pebbles, nonplasticity, not cohesive
M	1,842		N	BH01	6	6		
M	2,654		N	BH01	6.5			
M			N	BH01	7	7		
M			N	BH01	8	8		
M	1,103		N	BH01	9	9		
M	224		N	BH01	10	10		

Total Depth @ 10 feet bgs.

ENSOLUM

Sample Name: BH02	Date: 3/5/2025	
Site Name: Peach Booster Station		
Incident Number: nAPP2504351069		
Job Number: 03A2270073		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Hand auger
Coordinates: 32.111149, -103.279737	Hole Diameter: 3"	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. 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	BH02	0	0	CCHE	Dry, staining, with 15% coarse-grained sediment/rocks, rocks are angular, Nonplasticity, not cohesive
D			N	BH02	1	1		
D	935		N	BH02	2	2	SM	Dry, no staining, Silty sand with gravel, gravel is small and angular, nonplasticity. Not cohesive
D	ND		N	BH02	3	3		

Total Depth@ 3 feet bgs.

ENSOLUM

Sample Name: BH03	Date: 3/5/2025	
Site Name: Peach Booster Station		
Incident Number: nAPP2504351069		
Job Number: 03A2270073		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Hand auger
Coordinates: 32.111175, -103.279815	Hole Diameter: 3"	Total Depth: 4.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. 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
M			Y	BH03	0	0	CCHE	Moist, stained, with 15% coarse-grained sediment/rocks, rocks are angular, Nonplasticity, not cohesive
M			N		1	1		
M			N		2	2	SM	Moist, not stained, Silty sand with gravel, small to medium angular sized gravel, nonplasticity, not cohesive
M	716		N		3	3		
M	1,288		N		4	4		Moist, not stained, caliche, light brown to Tan in color, small to medium sized gravel, fine to medium grained
M	1,192		N		4.2			
D	1,601		N		4.5			
D			N		5			
D			N		6			
D	2,256		N		7			
D			N		8		CCHE	Dry, not stained, caliche, light brown to Tan in color, small to medium sized gravel, fine to medium grained
D	935		N		9			
D	649		N		10			
D			N		11			
D	649		N		12			

ENSOLUM

	Sample Name: BH03	Date: 3/5/2025
	Site Name: Peach Booster Station	
	Incident Number: nAPP2504351069	
	Job Number: 03A2270073	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Hand auger
Coordinates: 32.111175, -103.279815	Hole Diameter: 3"	Total Depth: 4.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. 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	649		N	BH03	12	12		
D	476		N	BH03	13	13		
D	784		N	BH03	14	14		
D	1,388		N	BH03	15	15	CCHE	Dry, not stained, caliche, light brown to Tan in color, small to medium sized gravel, fine to medium grained
D	2,256		N	BH03	16	16		
D			N	BH03	17	17		
D	649		N	BH03	18	18		
D	425		N	BH03	19	19		

Total Depth @ 19 feet bgs.

ENSOLUM

APPENDIX E

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:	Peach Booster Station
Work Order:	E502178
Job Number:	23003-0002
Received:	2/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/25/25

Date Reported: 2/25/25

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

Project Name: Peach Booster Station
Workorder: E502178
Date Received: 2/20/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2025 7:30:00AM, under the Project Name: Peach Booster Station.

The analytical test results summarized in this report with the Project Name: Peach Booster Station 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

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Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/25/25 13:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03-0'	E502178-01A	Soil	02/18/25	02/20/25	Glass Jar, 2 oz.
SS04-0'	E502178-02A	Soil	02/18/25	02/20/25	Glass Jar, 2 oz.
SS05-0'	E502178-03A	Soil	02/18/25	02/20/25	Glass Jar, 2 oz.
SS02-0'	E502178-04A	Soil	02/18/25	02/20/25	Glass Jar, 2 oz.
SS02-1'	E502178-05A	Soil	02/18/25	02/20/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

SS03-0'

E502178-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Benzene	ND	0.0250	1	02/20/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/20/25	02/21/25	
Toluene	ND	0.0250	1	02/20/25	02/21/25	
o-Xylene	ND	0.0250	1	02/20/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/20/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/20/25	02/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*76.1 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/25	02/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/25	02/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/25	02/21/25	
Surrogate: n-Nonane		*87.4 %*	*61-141*	*02/21/25*	*02/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2508087
Chloride	**320**	20.0	1	02/20/25	02/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

SS04-0'

E502178-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Benzene	ND	0.0250	1	02/20/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/20/25	02/21/25	
Toluene	ND	0.0250	1	02/20/25	02/21/25	
o-Xylene	ND	0.0250	1	02/20/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/20/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/20/25	02/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*76.8 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/25	02/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/25	02/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/25	02/21/25	
Surrogate: n-Nonane		*88.8 %*	*61-141*	*02/21/25*	*02/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2508087
Chloride	**45.6**	20.0	1	02/20/25	02/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

SS05-0'

E502178-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Benzene	ND	0.0250	1	02/20/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/20/25	02/21/25	
Toluene	ND	0.0250	1	02/20/25	02/21/25	
o-Xylene	ND	0.0250	1	02/20/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/20/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/20/25	02/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*78.3 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/25	02/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/25	02/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/25	02/21/25	
Surrogate: n-Nonane		*82.7 %*	*61-141*	*02/21/25*	*02/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2508087
Chloride	**150**	20.0	1	02/20/25	02/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

SS02-0'

E502178-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Benzene	ND	0.0250	1	02/20/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/20/25	02/21/25	
Toluene	ND	0.0250	1	02/20/25	02/21/25	
o-Xylene	ND	0.0250	1	02/20/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/20/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/20/25	02/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*78.1 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/25	02/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/25	02/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/25	02/21/25	
Surrogate: n-Nonane		*90.3 %*	*61-141*	*02/21/25*	*02/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2508087
Chloride	**37.5**	20.0	1	02/20/25	02/20/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

SS02-1'

E502178-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Benzene	ND	0.0250	1	02/20/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/20/25	02/21/25	
Toluene	ND	0.0250	1	02/20/25	02/21/25	
o-Xylene	ND	0.0250	1	02/20/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/20/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/20/25	02/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*79.3 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508083
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/25	02/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*02/20/25*	*02/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/25	02/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/25	02/21/25	
Surrogate: n-Nonane		*90.5 %*	*61-141*	*02/21/25*	*02/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2508087
Chloride	**20.7**	20.0	1	02/20/25	02/20/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

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 (2508083-BLK1)									Prepared: 02/20/25 Analyzed: 02/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.52*		*8.00*		*81.5*	*70-130*			
LCS (2508083-BS1)									Prepared: 02/20/25 Analyzed: 02/21/25
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.49	0.0250	5.00		89.8	70-130			
Toluene	4.63	0.0250	5.00		92.5	70-130			
o-Xylene	4.49	0.0250	5.00		89.9	70-130			
p,m-Xylene	9.12	0.0500	10.0		91.2	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.49*		*8.00*		*81.1*	*70-130*			
LCS Dup (2508083-BSD1)									Prepared: 02/20/25 Analyzed: 02/21/25
Benzene	5.15	0.0250	5.00		103	70-130	8.89	20	
Ethylbenzene	4.93	0.0250	5.00		98.5	70-130	9.29	20	
Toluene	5.06	0.0250	5.00		101	70-130	8.88	20	
o-Xylene	4.90	0.0250	5.00		98.0	70-130	8.60	20	
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130	8.93	20	
Total Xylenes	14.9	0.0250	15.0		99.1	70-130	8.82	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.50*		*8.00*		*81.2*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

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 (2508083-BLK1)									Prepared: 02/20/25 Analyzed: 02/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.4*	*70-130*			
LCS (2508083-BS2)									Prepared: 02/20/25 Analyzed: 02/21/25
Gasoline Range Organics (C6-C10)	40.2	20.0	50.0		80.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		*8.00*		*96.8*	*70-130*			
LCS Dup (2508083-BSD2)									Prepared: 02/20/25 Analyzed: 02/21/25
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.6	70-130	2.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		*8.00*		*97.5*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2508100-BLK1)									Prepared: 02/21/25 Analyzed: 02/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.7*		*50.0*		*85.5*	*61-141*			
LCS (2508100-BS1)									Prepared: 02/21/25 Analyzed: 02/21/25
Diesel Range Organics (C10-C28)	239	25.0	250		95.5	66-144			
Surrogate: n-Nonane	*42.0*		*50.0*		*84.0*	*61-141*			
Matrix Spike (2508100-MS1)				**Source: E502178-02**					Prepared: 02/21/25 Analyzed: 02/21/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156			
Surrogate: n-Nonane	*42.9*		*50.0*		*85.8*	*61-141*			
Matrix Spike Dup (2508100-MSD1)				**Source: E502178-02**					Prepared: 02/21/25 Analyzed: 02/21/25
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	56-156	0.961	20	
Surrogate: n-Nonane	*42.7*		*50.0*		*85.3*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/25/2025 1:33:20PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2508087-BLK1)									Prepared: 02/20/25 Analyzed: 02/20/25
Chloride	ND	20.0							
LCS (2508087-BS1)									Prepared: 02/20/25 Analyzed: 02/20/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2508087-MS1)				**Source: E502178-03**					Prepared: 02/20/25 Analyzed: 02/20/25
Chloride	409	20.0	250	150	103	80-120			
Matrix Spike Dup (2508087-MSD1)				**Source: E502178-03**					Prepared: 02/20/25 Analyzed: 02/20/25
Chloride	405	20.0	250	150	102	80-120	0.937	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:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/25/25 13:33

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# E502178	1D 2D 3D Std	NM CO UT TX
Project: Peach Booster Station	Address: 3122 National Parks Hwy	Job Number 23C03-0002	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
11:58	2/18/2025	Soil	1	SS03 - 0'		1						X						
13:33	2/18/2025	Soil	1	SS04 - 0'		2						X						
13:58	2/18/2025	Soil	1	SS05 - 0'		3						X						
13:25	2/18/2025	Soil	1	SS02 - 0'		4						X						
13:53	2/18/2025	Soil	1	SS02 - 1'		5						X						

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, bsimmons@ensolum.com

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

Sampled by: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	2/19/25	7:00	Michelle Gonzales	2-19-25	1130
Michelle Gonzales	2-19-25	1620	Richard Gonzales	2-19-25	1620
Richard Gonzales	2-19-25	2200	Caitlin Mars	2-20-25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed 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 4

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: 2/20/2025 8:51:50AM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	02/20/25 07:30	Work Order ID:	E502178
Phone:	(972) 371-5200	Date Logged In:	02/19/25 14:53	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/26/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

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 filteration 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

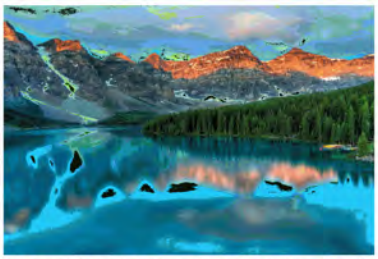
Signature of client authorizing changes to the COC or sample disposition.

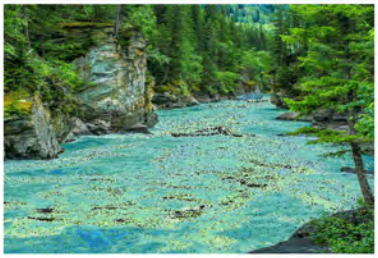
Date

envirotech Inc.

Report to:

Ashley Giovengo





5796 U.S. Hwy 64
Farmington, NM 87401

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Envirotech-inc.com

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Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:	Peach Booster Station
Work Order:	E502228
Job Number:	23003-0002
Received:	2/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/3/25

Date Reported: 3/3/25

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

Project Name: Peach Booster Station
Workorder: E502228
Date Received: 2/25/2025 5:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/25/2025 5:45:00AM, under the Project Name: Peach Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/03/25 09:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E502228-01A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
BH01-2'	E502228-02A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
BH01-4'	E502228-03A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
BH01-6.5'	E502228-04A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
SS01-0'	E502228-05A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
SS01-1'	E502228-06A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
SS03-1'	E502228-07A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
SS04-1'	E502228-08A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.
SS05-1'	E502228-09A	Soil	02/21/25	02/25/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

BH01-0'

E502228-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/25/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/25/25*	*02/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**869**	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

BH01-2'

E502228-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/25/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*02/25/25*	*02/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**4230**	40.0	2	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

BH01-4'

E502228-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/25/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*02/25/25*	*02/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**1030**	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

BH01-6.5'

E502228-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/25/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/25/25*	*02/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**2860**	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

SS01-0'

E502228-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/26/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/25/25*	*02/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**214**	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

SS01-1'

E502228-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/26/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*02/25/25*	*02/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**42.9**	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

SS03-1'

E502228-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/26/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/25/25*	*02/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**27.1**	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

SS04-1'

E502228-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/26/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/25/25*	*02/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	ND	20.0	1	02/25/25	02/26/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

SS05-1'

E502228-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Benzene	ND	0.0250	1	02/25/25	02/26/25	
Ethylbenzene	ND	0.0250	1	02/25/25	02/26/25	
Toluene	ND	0.0250	1	02/25/25	02/26/25	
o-Xylene	ND	0.0250	1	02/25/25	02/26/25	
p,m-Xylene	ND	0.0500	1	02/25/25	02/26/25	
Total Xylenes	ND	0.0250	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/25/25	02/26/25	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/25/25*	*02/26/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/25/25*	*02/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/25/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/25/25	02/26/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/25/25*	*02/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2509044
Chloride	**102**	20.0	1	02/25/25	02/26/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

Volatile Organic Compounds by EPA 8260B

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 (2509036-BLK1)									Prepared: 02/25/25 Analyzed: 02/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
LCS (2509036-BS1)									Prepared: 02/25/25 Analyzed: 02/26/25
Benzene	2.45	0.0250	2.50		97.9	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.4	70-130			
Toluene	2.37	0.0250	2.50		94.9	70-130			
o-Xylene	2.40	0.0250	2.50		96.2	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.1	70-130			
Total Xylenes	7.16	0.0250	7.50		95.4	70-130			
Surrogate: Bromofluorobenzene	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
Matrix Spike (2509036-MS1)				**Source: E502227-02**					Prepared: 02/25/25 Analyzed: 02/26/25
Benzene	2.45	0.0250	2.50	ND	98.0	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.4	45-135			
Toluene	2.39	0.0250	2.50	ND	95.5	48-130			
o-Xylene	2.37	0.0250	2.50	ND	95.0	43-135			
p,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135			
Total Xylenes	7.09	0.0250	7.50	ND	94.5	43-135			
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			
Matrix Spike Dup (2509036-MSD1)				**Source: E502227-02**					Prepared: 02/25/25 Analyzed: 02/26/25
Benzene	2.55	0.0250	2.50	ND	102	48-131	3.96	23	
Ethylbenzene	2.38	0.0250	2.50	ND	95.2	45-135	1.97	27	
Toluene	2.44	0.0250	2.50	ND	97.5	48-130	2.05	24	
o-Xylene	2.45	0.0250	2.50	ND	98.2	43-135	3.33	27	
p,m-Xylene	4.86	0.0500	5.00	ND	97.1	43-135	2.93	27	
Total Xylenes	7.31	0.0250	7.50	ND	97.5	43-135	3.07	27	
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.530*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.3*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

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 (2509036-BLK1)									Prepared: 02/25/25 Analyzed: 02/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
LCS (2509036-BS2)									Prepared: 02/25/25 Analyzed: 02/26/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.504*		*0.500*		*101*	*70-130*			
Matrix Spike (2509036-MS2)				**Source: E502227-02**					Prepared: 02/25/25 Analyzed: 02/26/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
Matrix Spike Dup (2509036-MSD2)				**Source: E502227-02**					Prepared: 02/25/25 Analyzed: 02/26/25
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.7	70-130	0.160	20	
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2509042-BLK1)									Prepared: 02/25/25 Analyzed: 02/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*61-141*			
LCS (2509042-BS1)									Prepared: 02/25/25 Analyzed: 02/25/25
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*61-141*			
Matrix Spike (2509042-MS1)				**Source: E502226-02**					Prepared: 02/25/25 Analyzed: 02/25/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	*54.8*		*50.0*		*110*	*61-141*			
Matrix Spike Dup (2509042-MSD1)				**Source: E502226-02**					Prepared: 02/25/25 Analyzed: 02/25/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	2.97	20	
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/3/2025 9:09:18AM

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 (2509044-BLK1)									Prepared: 02/25/25 Analyzed: 02/26/25
Chloride	ND	20.0							
LCS (2509044-BS1)									Prepared: 02/25/25 Analyzed: 02/26/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2509044-MS1)				**Source: E502227-01**					Prepared: 02/25/25 Analyzed: 02/26/25
Chloride	1170	20.0	250	946	90.8	80-120			
Matrix Spike Dup (2509044-MSD1)				**Source: E502227-01**					Prepared: 02/25/25 Analyzed: 02/26/25
Chloride	1160	20.0	250	946	87.1	80-120	0.780	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:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/03/25 09:09

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E302228	1D 2D 3D Std	NM CO UT TX
Project: Peach Booster Station	Address: 3122 National Parks Hwy	Job Number 23C03-0002		x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220		x	
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
11:45	2/21/2025	Soil	1	BH01 - 0'		1						X						
12:19	2/21/2025	Soil	1	BH01 - 2'		2						X						
12:22	2/21/2025	Soil	1	BH01 - 4'		3						X						
13:39	2/21/2025	Soil	1	BH01 - 6.5'		4						X						
14:20	2/21/2025	Soil	1	SS01 - 0'		5						X						
14:23	2/21/2025	Soil	1	SS01 - 1'		6						X						
14:31	2/21/2025	Soil	1	SS03 - 1'		7						X						
14:38	2/21/2025	Soil	1	SS04 - 1'		8						X						
14:41	2/21/2025	Soil	1	SS05 - 1'		9						X						

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, bsimmons@ensolum.com

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

Sampled by: Jenna Hinkle and Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	2/24/25	9:46	Michelle Gonzales	2.24.25	0946
Michelle Gonzales	2-24-25	1530	Camden Briggs	2-24-25	1530
Camden Briggs	2-24-25	2215	Caitlin Mars	2.25.25	545
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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: 2/25/2025 7:39:20AM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	02/25/25 05:45	Work Order ID:	E502228
Phone:	(972) 371-5200	Date Logged In:	02/24/25 14:40	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/03/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

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 filteration 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 Instruction

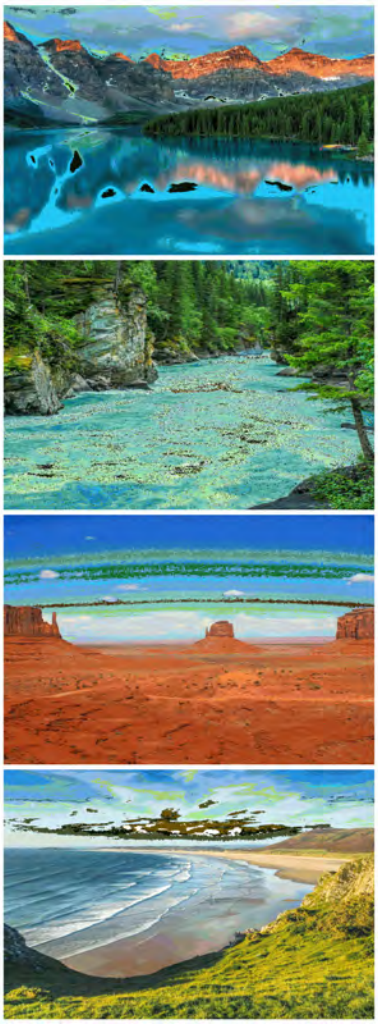
Signature of client authorizing changes to the COC or sample disposition.

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:	Peach Booster Station
Work Order:	E503043
Job Number:	23003-0002
Received:	3/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/12/25

Date Reported: 3/12/25

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

Project Name: Peach Booster Station
Workorder: E503043
Date Received: 3/7/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2025 7:45:00AM, under the Project Name: Peach Booster Station.

The analytical test results summarized in this report with the Project Name: Peach Booster Station 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
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ljarboe@envirotech-inc.com

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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/12/25 10:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-0'	E503043-01A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH02-1'	E503043-02A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH02-3'	E503043-03A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH03-0'	E503043-04A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH03-2'	E503043-05A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH03-4.5'	E503043-06A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

BH02-0'

E503043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Benzene	ND	0.0250	1	03/07/25	03/08/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/08/25	
Toluene	ND	0.0250	1	03/07/25	03/08/25	
o-Xylene	ND	0.0250	1	03/07/25	03/08/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/08/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*78.3 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/07/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*03/07/25*	*03/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2510106
Chloride	**15400**	200	10	03/07/25	03/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

BH02-1'

E503043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Benzene	ND	0.0250	1	03/07/25	03/08/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/08/25	
Toluene	ND	0.0250	1	03/07/25	03/08/25	
o-Xylene	ND	0.0250	1	03/07/25	03/08/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/08/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*77.7 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/07/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*03/07/25*	*03/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2510106
Chloride	**1500**	20.0	1	03/07/25	03/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

BH02-3'

E503043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Benzene	ND	0.0250	1	03/07/25	03/08/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/08/25	
Toluene	ND	0.0250	1	03/07/25	03/08/25	
o-Xylene	ND	0.0250	1	03/07/25	03/08/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/08/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*77.5 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/07/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*03/07/25*	*03/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2510106
Chloride	**87.8**	20.0	1	03/07/25	03/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

BH03-0'

E503043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Benzene	ND	0.0250	1	03/07/25	03/08/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/08/25	
Toluene	ND	0.0250	1	03/07/25	03/08/25	
o-Xylene	ND	0.0250	1	03/07/25	03/08/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/08/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*76.6 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/07/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*03/07/25*	*03/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2510106
Chloride	**11400**	200	10	03/07/25	03/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

BH03-2'

E503043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Benzene	ND	0.0250	1	03/07/25	03/08/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/08/25	
Toluene	ND	0.0250	1	03/07/25	03/08/25	
o-Xylene	ND	0.0250	1	03/07/25	03/08/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/08/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*76.7 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/07/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*03/07/25*	*03/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2510106
Chloride	**1400**	40.0	2	03/07/25	03/07/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

BH03-4.5'

E503043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Benzene	ND	0.0250	1	03/07/25	03/08/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/08/25	
Toluene	ND	0.0250	1	03/07/25	03/08/25	
o-Xylene	ND	0.0250	1	03/07/25	03/08/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/08/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*76.2 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2510107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*03/07/25*	*03/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/07/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*03/07/25*	*03/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2510106
Chloride	**1380**	20.0	1	03/07/25	03/07/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

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 (2510107-BLK1)									Prepared: 03/06/25 Analyzed: 03/06/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.39*		*8.00*		*79.9*	*70-130*			
LCS (2510107-BS1)									Prepared: 03/06/25 Analyzed: 03/06/25
Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	4.92	0.0250	5.00		98.3	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.42*		*8.00*		*80.3*	*70-130*			
LCS Dup (2510107-BSD1)									Prepared: 03/06/25 Analyzed: 03/06/25
Benzene	5.02	0.0250	5.00		100	70-130	3.37	20	
Ethylbenzene	4.79	0.0250	5.00		95.7	70-130	3.39	20	
Toluene	4.92	0.0250	5.00		98.4	70-130	3.42	20	
o-Xylene	4.77	0.0250	5.00		95.4	70-130	2.99	20	
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130	3.20	20	
Total Xylenes	14.5	0.0250	15.0		96.6	70-130	3.13	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.39*		*8.00*		*79.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

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 (2510107-BLK1)									Prepared: 03/06/25 Analyzed: 03/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*94.0*	*70-130*			
LCS (2510107-BS2)									Prepared: 03/06/25 Analyzed: 03/06/25
Gasoline Range Organics (C6-C10)	38.7	20.0	50.0		77.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.61*		*8.00*		*95.1*	*70-130*			
LCS Dup (2510107-BSD2)									Prepared: 03/06/25 Analyzed: 03/07/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.3	70-130	8.43	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2510105-BLK1)									Prepared: 03/07/25 Analyzed: 03/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*61-141*			
LCS (2510105-BS1)									Prepared: 03/07/25 Analyzed: 03/07/25
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	66-144			
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*61-141*			
Matrix Spike (2510105-MS1)				**Source: E503043-02**					Prepared: 03/07/25 Analyzed: 03/07/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*61-141*			
Matrix Spike Dup (2510105-MSD1)				**Source: E503043-02**					Prepared: 03/07/25 Analyzed: 03/07/25
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	2.30	20	
Surrogate: n-Nonane	*54.9*		*50.0*		*110*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/12/2025 10:13:27AM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2510106-BLK1)									Prepared: 03/07/25 Analyzed: 03/07/25
Chloride	ND	20.0							
LCS (2510106-BS1)									Prepared: 03/07/25 Analyzed: 03/07/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2510106-MS1)				**Source: E503042-04**					Prepared: 03/07/25 Analyzed: 03/07/25
Chloride	35200	400	250	28200	NR	80-120			M4
Matrix Spike Dup (2510106-MSD1)				**Source: E503042-04**					Prepared: 03/07/25 Analyzed: 03/07/25
Chloride	30000	400	250	28200	715	80-120	15.9	20	M4

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/12/25 10:13

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Matador Production Company	Company: Ensolum LLC	Lab WO# E503043	1D 2D 3D Std	NM CO UT TX
Project: Peach Booster Station	Address: 3122 National Parks Hwy	Job Number 23103.0002	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
9:36	3/5/2025	Soil	1	BH02 - 0'		1						X						
9:47	3/5/2025	Soil	1	BH02 - 1'		2						X						
10:16	3/5/2025	Soil	1	BH02 - 3'		3						X						
10:22	3/5/2025	Soil	1	BH03 - 0'		4						X						
10:30	3/5/2025	Soil	1	BH03 - 2'		5						X						
12:33	3/5/2025	Soil	1	BH03 - 4.5'		6						X						

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, bsimmons@ensolum.com

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

Sampled by: Jenna Hinkle and Ashley Giovengo

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	3/6/2025	07:11	Marissa Gonzales	3-6-25	0711
Marissa Gonzales	3-6-25	1400		3.6.25	1645
	3.6.25	2200		3/7/25	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 4

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: 3/7/2025 8:18:35AM

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:	03/07/25 07:45	Work Order ID:	E503043
Phone:	(972) 371-5200	Date Logged In:	03/06/25 15:46	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/13/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

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 filteration 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

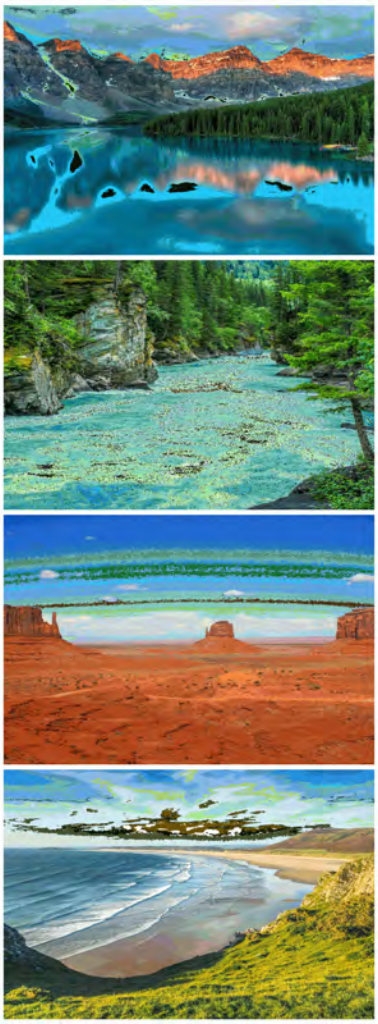
Signature of client authorizing changes to the COC or sample disposition.

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:	Peach Booster Station
Work Order:	E503095
Job Number:	23003-0002
Received:	3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/25

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: 3/18/25

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

Project Name: Peach Booster Station
Workorder: E503095
Date Received: 3/14/2025 4:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: Peach Booster Station.

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

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

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

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

Respectfully,

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Table of Contents

Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/18/25 11:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-7'	E503095-01A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
BH01-9'	E503095-02A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
BH01-10'	E503095-03A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
BH03-5'	E503095-04A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
BH03-7'	E503095-05A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
BH03-9'	E503095-06A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
BH03-12'	E503095-07A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH01-7'

E503095-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.7 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**2420**	20.0	1	03/14/25	03/14/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH01-9'

E503095-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.2 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**859**	20.0	1	03/14/25	03/14/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH01-10'

E503095-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.0 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**202**	20.0	1	03/14/25	03/14/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH03-5'

E503095-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*80.8 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*99.1 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**3880**	40.0	2	03/14/25	03/14/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH03-7'

E503095-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.2 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**2710**	40.0	2	03/14/25	03/14/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH03-9'

E503095-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*80.5 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**770**	20.0	1	03/14/25	03/14/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

BH03-12'

E503095-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*79.7 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/15/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*03/14/25*	*03/15/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**531**	20.0	1	03/14/25	03/14/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

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 (2511068-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.33*		*8.00*		*79.2*	*70-130*			
LCS (2511068-BS1)									Prepared: 03/14/25 Analyzed: 03/14/25
Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.38*		*8.00*		*79.8*	*70-130*			
LCS Dup (2511068-BSD1)									Prepared: 03/14/25 Analyzed: 03/14/25
Benzene	4.98	0.0250	5.00		99.5	70-130	0.802	20	
Ethylbenzene	4.77	0.0250	5.00		95.5	70-130	0.803	20	
Toluene	4.89	0.0250	5.00		97.9	70-130	0.774	20	
o-Xylene	4.74	0.0250	5.00		94.8	70-130	1.07	20	
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130	0.855	20	
Total Xylenes	14.4	0.0250	15.0		96.3	70-130	0.925	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.32*		*8.00*		*78.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

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 (2511068-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.64*		*8.00*		*95.4*	*70-130*			
LCS (2511068-BS2)									Prepared: 03/14/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS Dup (2511068-BSD2)									Prepared: 03/14/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.7	70-130	0.588	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

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 (2511077-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.1*		*50.0*		*96.3*	*61-141*			
LCS (2511077-BS1)									Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	221	25.0	250		88.6	66-144			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*61-141*			
Matrix Spike (2511077-MS1)				**Source: E503082-03**					Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.8	56-156			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			
Matrix Spike Dup (2511077-MSD1)				**Source: E503082-03**					Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.9	56-156	1.06	20	
Surrogate: n-Nonane	*47.8*		*50.0*		*95.5*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2025 11:12:05AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2511069-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	ND	20.0							
LCS (2511069-BS1)									Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2511069-MS1)				**Source: E503093-03**					Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2511069-MSD1)				**Source: E503093-03**					Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	257	20.0	250	ND	103	80-120	0.178	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:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/18/25 11:12

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# E503095	1D 2D 3D Std	NM CO UT TX
Project: Peach Booster Station	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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals
1030	3/12/25	Soil	1	BH01 - 7'		1						+		
1139				BH01 - 9'		2						+		
1147				BH01 - 10'		3						+		
1333				BH03 - 5'		4						+		
1410				BH03 - 7'		5						+		
1540				BH03 - 9'		6						+		
1637				BH03 - 12'		7						+		

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Remarks

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jhinkle@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: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	3/13/25	1105	Michelle Gonzales	3-13-25	1105
Michelle Gonzales	3/13/25	1700	[signature]	3.13.25	1700
[signature]	3.13.25	2300	Kaylyn N Hall	3-14-25	0430
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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: 3/14/2025 8:41:12AM

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:	03/14/25 04:30	Work Order ID:	E503095
Phone:	(972) 371-5200	Date Logged In:	03/13/25 16:19	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/20/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

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 filteration 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:	Peach Booster Station
Work Order:	E503109
Job Number:	23003-0002
Received:	3/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/20/25

Date Reported: 3/20/25

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

Project Name: Peach Booster Station
Workorder: E503109
Date Received: 3/15/2025 4:00:46AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/15/2025 4:00:46AM, under the Project Name: Peach Booster Station.

The analytical test results summarized in this report with the Project Name: Peach Booster Station 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

Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/20/25 08:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-13'	E503109-01A	Soil	03/13/25	03/15/25	Glass Jar, 2 oz.
BH03-15'	E503109-02A	Soil	03/13/25	03/15/25	Glass Jar, 2 oz.
BH03-17'	E503109-03A	Soil	03/13/25	03/15/25	Glass Jar, 2 oz.
BH03-19'	E503109-04A	Soil	03/13/25	03/15/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

BH03-13'

E503109-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Benzene	ND	0.0250	1	03/15/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/15/25	03/15/25	
Toluene	ND	0.0250	1	03/15/25	03/15/25	
o-Xylene	ND	0.0250	1	03/15/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/15/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/15/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511086
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/25	03/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/25	03/15/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*03/15/25*	*03/15/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2512004
Chloride	**534**	20.0	1	03/17/25	03/17/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

BH03-15'

E503109-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Benzene	ND	0.0250	1	03/15/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/15/25	03/15/25	
Toluene	ND	0.0250	1	03/15/25	03/15/25	
o-Xylene	ND	0.0250	1	03/15/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/15/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/15/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511086
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/25	03/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/25	03/15/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*03/15/25*	*03/15/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2512004
Chloride	**1280**	20.0	1	03/17/25	03/17/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

BH03-17'

E503109-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Benzene	ND	0.0250	1	03/15/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/15/25	03/15/25	
Toluene	ND	0.0250	1	03/15/25	03/15/25	
o-Xylene	ND	0.0250	1	03/15/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/15/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/15/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511086
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/25	03/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/25	03/15/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/15/25*	*03/15/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2512004
Chloride	**1790**	20.0	1	03/17/25	03/17/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

BH03-19'

E503109-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Benzene	ND	0.0250	1	03/15/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/15/25	03/15/25	
Toluene	ND	0.0250	1	03/15/25	03/15/25	
o-Xylene	ND	0.0250	1	03/15/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/15/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/15/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2511091
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*03/15/25*	*03/15/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511086
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/25	03/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/25	03/15/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/15/25*	*03/15/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2512004
Chloride	**432**	20.0	1	03/17/25	03/17/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

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 (2511091-BLK1)									Prepared: 03/15/25 Analyzed: 03/15/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.02*		*8.00*		*100*	*70-130*			
LCS (2511091-BS1)									Prepared: 03/15/25 Analyzed: 03/15/25
Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike (2511091-MS1)				**Source: E503109-02**					Prepared: 03/15/25 Analyzed: 03/15/25
Benzene	4.91	0.0250	5.00	ND	98.1	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.7	61-133			
Toluene	4.84	0.0250	5.00	ND	96.7	61-130			
o-Xylene	4.70	0.0250	5.00	ND	94.0	63-131			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	63-131			
Total Xylenes	14.3	0.0250	15.0	ND	95.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.19*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2511091-MSD1)				**Source: E503109-02**					Prepared: 03/15/25 Analyzed: 03/15/25
Benzene	5.07	0.0250	5.00	ND	101	54-133	3.25	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133	3.35	20	
Toluene	5.00	0.0250	5.00	ND	99.9	61-130	3.28	20	
o-Xylene	4.87	0.0250	5.00	ND	97.4	63-131	3.46	20	
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131	3.27	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.6	63-131	3.33	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.26*		*8.00*		*103*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

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 (2511091-BLK1)									Prepared: 03/15/25 Analyzed: 03/15/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2511091-BS2)									Prepared: 03/15/25 Analyzed: 03/15/25
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.78*		*8.00*		*97.2*	*70-130*			
Matrix Spike (2511091-MS2)				**Source: E503109-02**					Prepared: 03/15/25 Analyzed: 03/15/25
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.1*	*70-130*			
Matrix Spike Dup (2511091-MSD2)				**Source: E503109-02**					Prepared: 03/15/25 Analyzed: 03/15/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	70-130	8.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.72*		*8.00*		*96.5*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

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 (2511086-BLK1)									Prepared: 03/15/25 Analyzed: 03/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.0*		*50.0*		*98.1*	*61-141*			
LCS (2511086-BS1)									Prepared: 03/15/25 Analyzed: 03/15/25
Diesel Range Organics (C10-C28)	223	25.0	250		89.1	66-144			
Surrogate: n-Nonane	*48.8*		*50.0*		*97.6*	*61-141*			
Matrix Spike (2511086-MS1)				**Source: E503109-03**					Prepared: 03/15/25 Analyzed: 03/15/25
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	56-156			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*61-141*			
Matrix Spike Dup (2511086-MSD1)				**Source: E503109-03**					Prepared: 03/15/25 Analyzed: 03/15/25
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	56-156	2.00	20	
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/20/2025 8:30:13AM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2512004-BLK1)									Prepared: 03/17/25 Analyzed: 03/17/25
Chloride	ND	20.0							
LCS (2512004-BS1)									Prepared: 03/17/25 Analyzed: 03/17/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2512004-MS1)				**Source: E503123-08**					Prepared: 03/17/25 Analyzed: 03/17/25
Chloride	581	20.0	250	322	104	80-120			
Matrix Spike Dup (2512004-MSD1)				**Source: E503123-08**					Prepared: 03/17/25 Analyzed: 03/17/25
Chloride	573	20.0	250	322	100	80-120	1.46	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:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/20/25 08:30

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# E503109	Job Number 23003-0002	1D 2D 3D Std: x	NM CO UT TX: x
Project: Peach Booster Station	Address: 3122 National Parks Hwy			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
1008	3/13/2025	Soil	1	BH03 - 13'		1						X			
1142	3/13/2025	Soil	1	- 15'		2						X			
1335	3/13/2025	Soil	1	- 17'		3						X			
1443	3/13/2025	Soil	1	- 19'		4						X			

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, bsimmons@ensolum.com, jhinkle@ensolum.com

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

Sampled by: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	3/14/2025		Michelle Gonzales	3.14.25	1030
Michelle Gonzales	3.14.25	1650	[signature]	3.14.25	1700
[signature]	3.14.25	2130	Noe Soto	3.15.25	0400
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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: 3/17/2025 8:49:57AM

Sample Receipt Checklist (SRC)

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

Client:	Matador Resources, LLC.	Date Received:	03/15/25 04:00	Work Order ID:	E503109
Phone:	(972) 371-5200	Date Logged In:	03/14/25 14:16	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/21/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

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 filteration 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:	Peach Booster Station
Work Order:	E504264
Job Number:	23003-0002
Received:	4/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/2/25

Date Reported: 5/2/25

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

Project Name: Peach Booster Station
Workorder: E504264
Date Received: 4/28/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2025 6:30:00AM, under the Project Name: Peach Booster Station.

The analytical test results summarized in this report with the Project Name: Peach Booster Station 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
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/02/25 08:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-1'	E504264-01A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS02-1'	E504264-02A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/2/2025 8:27:41AM

FS01-1'

E504264-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518001
Benzene	ND	0.0250	1	04/28/25	04/28/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/28/25	
Toluene	ND	0.0250	1	04/28/25	04/28/25	
o-Xylene	ND	0.0250	1	04/28/25	04/28/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/28/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*04/28/25*	*04/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518001
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*04/28/25*	*04/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518027
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
Surrogate: n-Nonane		*94.7 %*	*61-141*	*04/29/25*	*04/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2518013
Chloride	**1190**	20.0	1	04/28/25	04/28/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/2/2025 8:27:41AM

FS02-1'

E504264-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518001
Benzene	ND	0.0250	1	04/28/25	04/28/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/28/25	
Toluene	ND	0.0250	1	04/28/25	04/28/25	
o-Xylene	ND	0.0250	1	04/28/25	04/28/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/28/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*04/28/25*	*04/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518001
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*04/28/25*	*04/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518027
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
Surrogate: n-Nonane		*98.2 %*	*61-141*	*04/29/25*	*04/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2518013
Chloride	**2330**	40.0	2	04/28/25	04/28/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/2/2025 8:27:41AM

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 (2518001-BLK1)									Prepared: 04/28/25 Analyzed: 04/28/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*70-130*			
LCS (2518001-BS1)									Prepared: 04/28/25 Analyzed: 04/28/25
Benzene	4.10	0.0250	5.00		82.1	70-130			
Ethylbenzene	4.04	0.0250	5.00		80.8	70-130			
Toluene	4.09	0.0250	5.00		81.8	70-130			
o-Xylene	4.08	0.0250	5.00		81.5	70-130			
p,m-Xylene	8.10	0.0500	10.0		81.0	70-130			
Total Xylenes	12.2	0.0250	15.0		81.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			
Matrix Spike (2518001-MS1)				**Source: E504265-01**					Prepared: 04/28/25 Analyzed: 04/28/25
Benzene	5.22	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130			
Toluene	5.21	0.0250	5.00	ND	104	70-130			
o-Xylene	5.13	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.10*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2518001-MSD1)				**Source: E504265-01**					Prepared: 04/28/25 Analyzed: 04/28/25
Benzene	4.72	0.0250	5.00	ND	94.4	70-130	10.0	27	
Ethylbenzene	4.66	0.0250	5.00	ND	93.3	70-130	10.0	26	
Toluene	4.71	0.0250	5.00	ND	94.2	70-130	10.1	20	
o-Xylene	4.66	0.0250	5.00	ND	93.1	70-130	9.76	25	
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	70-130	9.91	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.2	70-130	9.86	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/2/2025 8:27:41AM

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 (2518001-BLK1)									Prepared: 04/28/25 Analyzed: 04/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		*8.00*		*99.5*	*70-130*			
LCS (2518001-BS2)									Prepared: 04/28/25 Analyzed: 04/28/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.6*	*70-130*			
Matrix Spike (2518001-MS2)				**Source: E504265-01**					Prepared: 04/28/25 Analyzed: 04/28/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike Dup (2518001-MSD2)				**Source: E504265-01**					Prepared: 04/28/25 Analyzed: 04/28/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130	5.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.63*		*8.00*		*82.9*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/2/2025 8:27:41AM

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 (2518027-BLK1)									Prepared: 04/29/25 Analyzed: 04/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.7*		*50.0*		*93.4*	*61-141*			
LCS (2518027-BS1)									Prepared: 04/29/25 Analyzed: 04/29/25
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.3*	*61-141*			
Matrix Spike (2518027-MS1)				**Source: E504135-01RE1**					Prepared: 04/29/25 Analyzed: 04/29/25
Diesel Range Organics (C10-C28)	1310	25.0	250	1080	91.6	56-156			
Surrogate: n-Nonane	*45.8*		*50.0*		*91.6*	*61-141*			
Matrix Spike Dup (2518027-MSD1)				**Source: E504135-01RE1**					Prepared: 04/29/25 Analyzed: 04/29/25
Diesel Range Organics (C10-C28)	1260	25.0	250	1080	72.6	56-156	3.69	20	
Surrogate: n-Nonane	*41.7*		*50.0*		*83.4*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/2/2025 8:27:41AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2518013-BLK1)									Prepared: 04/28/25 Analyzed: 04/28/25
Chloride	ND	20.0							
LCS (2518013-BS1)									Prepared: 04/28/25 Analyzed: 04/28/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2518013-MS1)				**Source: E504263-02**					Prepared: 04/28/25 Analyzed: 04/28/25
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2518013-MSD1)				**Source: E504263-02**					Prepared: 04/28/25 Analyzed: 04/28/25
Chloride	266	20.0	250	ND	106	80-120	0.313	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:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/02/25 08:27

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# E504264	Job Number 23083-0002	1D 2D 3D Std: x	NM CO UT TX: x
Project Name: Peach Booster Station	Address: 3122 National Parks Hwy			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
14:27	4/24/2025	S	1	FS01 - 1'		1									X			4.3	
14:31	4/24/2025	S	1	FS02 - 1'		2									X			3.1	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Oluwale Aderinto	04/25/25	08:15	Michelle Gonzales	4-25-25	0815
Michelle Gonzales	4-25-25	1520		4.25.25	1600
	4.25.25	2300		4-28-25	0030

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

Lab Use Only

Received on ice: (Y) N

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

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

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

Envirotech Analytical Laboratory

Printed: 4/28/2025 9:16:23AM

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:	04/28/25 06:30	Work Order ID:	E504264
Phone:	(972) 371-5200	Date Logged In:	04/25/25 15:10	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/02/25 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

Sampled by not provided on COC.

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:	Peach Booster Station
Work Order:	E504279
Job Number:	23003-0002
Received:	4/29/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/5/25

Date Reported: 5/5/25

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

Project Name: Peach Booster Station
Workorder: E504279
Date Received: 4/29/2025 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/29/2025 8:15:00AM, under the Project Name: Peach Booster Station.

The analytical test results summarized in this report with the Project Name: Peach Booster Station 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

Sample Summary

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/05/25 10:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03-1'	E504279-01A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS04-1'	E504279-02A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS05-1'	E504279-03A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
SW01-0-1'	E504279-04A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
SW02-0-1'	E504279-05A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

FS03-1'

E504279-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*04/29/25*	*04/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2518028
Chloride	**2910**	40.0	2	04/29/25	04/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

FS04-1'

E504279-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		*97.7 %*	*61-141*	*04/29/25*	*04/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2518028
Chloride	**1080**	20.0	1	04/29/25	04/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

FS05-1'

E504279-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.7 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*04/29/25*	*04/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2518028
Chloride	**1660**	20.0	1	04/29/25	04/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

SW01-0-1'

E504279-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*04/29/25*	*04/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2518028
Chloride	**742**	20.0	1	04/29/25	04/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

SW02-0-1'

E504279-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.4 %*	*70-130*	*04/29/25*	*04/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2518051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*04/29/25*	*04/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2518028
Chloride	**117**	20.0	1	04/29/25	04/29/25	

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

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 (2518026-BLK1)									Prepared: 04/29/25 Analyzed: 04/29/25
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	*8.04*		*8.00*		*101*	*70-130*			
LCS (2518026-BS1)									Prepared: 04/29/25 Analyzed: 04/29/25
Benzene	3.92	0.0250	5.00		78.4	70-130			
Ethylbenzene	3.87	0.0250	5.00		77.4	70-130			
Toluene	3.92	0.0250	5.00		78.3	70-130			
o-Xylene	3.92	0.0250	5.00		78.4	70-130			
p,m-Xylene	7.78	0.0500	10.0		77.8	70-130			
Total Xylenes	11.7	0.0250	15.0		78.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			
Matrix Spike (2518026-MS1)				**Source: E504277-02**					Prepared: 04/29/25 Analyzed: 04/29/25
Benzene	4.75	0.0250	5.00	ND	95.1	70-130			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	70-130			
Toluene	4.76	0.0250	5.00	ND	95.2	70-130			
o-Xylene	4.72	0.0250	5.00	ND	94.4	70-130			
p,m-Xylene	9.46	0.0500	10.0	ND	94.6	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2518026-MSD1)				**Source: E504277-02**					Prepared: 04/29/25 Analyzed: 04/29/25
Benzene	4.93	0.0250	5.00	ND	98.7	70-130	3.71	27	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	70-130	3.63	26	
Toluene	4.94	0.0250	5.00	ND	98.8	70-130	3.67	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	70-130	3.61	25	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130	3.60	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	70-130	3.60	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.87*		*8.00*		*98.4*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

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 (2518026-BLK1)									Prepared: 04/29/25 Analyzed: 04/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.7*	*70-130*			
LCS (2518026-BS2)									Prepared: 04/29/25 Analyzed: 04/29/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.07*		*8.00*		*101*	*70-130*			
Matrix Spike (2518026-MS2)				**Source: E504277-02**					Prepared: 04/29/25 Analyzed: 04/29/25
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.94*		*8.00*		*99.3*	*70-130*			
Matrix Spike Dup (2518026-MSD2)				**Source: E504277-02**					Prepared: 04/29/25 Analyzed: 04/29/25
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	0.830	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.82*		*8.00*		*97.8*	*70-130*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

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 (2518051-BLK1)									Prepared: 04/29/25 Analyzed: 04/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.3*		*50.0*		*96.5*	*61-141*			
LCS (2518051-BS1)									Prepared: 04/29/25 Analyzed: 04/30/25
Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.3*	*61-141*			
Matrix Spike (2518051-MS1)				**Source: E504285-30**					Prepared: 04/29/25 Analyzed: 04/30/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	*49.0*		*50.0*		*98.1*	*61-141*			
Matrix Spike Dup (2518051-MSD1)				**Source: E504285-30**					Prepared: 04/29/25 Analyzed: 04/30/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	1.24	20	
Surrogate: n-Nonane	*49.4*		*50.0*		*98.7*	*61-141*			

QC Summary Data

Matador Resources, LLC.	Project Name:	Peach Booster Station	**Reported:**
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/5/2025 10:37:59AM

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 (2518028-BLK1)									Prepared: 04/29/25 Analyzed: 04/29/25
Chloride	ND	20.0							
LCS (2518028-BS1)									Prepared: 04/29/25 Analyzed: 04/29/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518028-MS1)				**Source: E504277-03**					Prepared: 04/29/25 Analyzed: 04/29/25
Chloride	300	20.0	250	43.0	103	80-120			
Matrix Spike Dup (2518028-MSD1)				**Source: E504277-03**					Prepared: 04/29/25 Analyzed: 04/29/25
Chloride	297	20.0	250	43.0	102	80-120	0.846	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:	Peach Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	**Reported:**
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/05/25 10:37

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# E504279	1D 2D 3D Std	NM CO UT TX
Project Name: Peach Booster Station	Address: 3122 National Parks Hwy	Job Number 23108.002	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: 575-988-0055			
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com			
Phone: 575-988-0055	Miscellaneous:			
Email: agiovengo@ensolum.com				

Sample Information

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
11:06	4/25/2025	S	1	FS03 - 1'		1									x			0.9	
11:03	4/25/2025	S	1	FS04 - 1'		2									x			0.4	
11:00	4/25/2025	S	1	FS05 - 1'		3									x			1.0	
11:09	4/25/2025	S	1	SW01 - 0 - 1'		4									x			0.9	
14:55	4/25/2025	S	1	SW02 - 0 - 1'		5									x			1.0	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, oaderinto@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: Oluwale Aderinto

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Oluwale Aderinto	4/28/25	08:15	[illegible]	4.28.25	1040
[illegible]	4.29.25	1530	[illegible]	4.28.25	1530
[illegible]	4.28.25	2215	[illegible]	4.29.25	815

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

Lab Use Only

Received on ice: (Y) / N

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

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

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

Envirotech Analytical Laboratory

Printed: 4/29/2025 10:15:32AM

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:	04/29/25 08:15	Work Order ID:	E504279
Phone:	(972) 371-5200	Date Logged In:	04/28/25 14:54	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/05/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

ENSOLUM

APPENDIX F

NMOCD Correspondence

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 431401

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431401
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Peach Booster Station
Date Release Discovered	02/11/2025
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 9 BBL | Recovered: 8 BBL | Lost: 1 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.*

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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431401
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

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

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ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431401
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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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: 431401
	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.	2/12/2025

Impacted Soil
Saturated Soil (inches)
0.75
Area (sq. ft.)
415.94
Standing fluids
inches of standing fluid
bbl estimate of standing fluids
barrels recovered (if known)
0
Soil type
pad caliche
Spill type
produced water
Barrel estimate in soil
0.9
Barrel estimate (standing fluids/ recovered+in soil)
0.9

Inside Containment
Saturated Soil (inches)
0
Area (sq. ft.)
769.58
Standing fluids
inches of standing fluid
bbl estimate of standing fluids
0.0
barrels recovered (if known)
8
Soil type
pad caliche
Spill type
produced water
Barrel estimate in soil
0.0
Barrel estimate (standing fluids/ recovered+in soil)
8.0

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

QUESTIONS

Action 431436

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431436
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 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	Peach Booster Station
Date Release Discovered	02/11/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 9 BBL | Recovered: 8 BBL | Lost: 1 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.*

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431436
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 02/12/2025

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431436
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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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: 431436
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	2/12/2025

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 431831

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431831
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**Peach Booster Station**
Date Release Discovered	**02/11/2025**
Surface Owner	**Private**

Liner Inspection Event Information *Please answer all the questions in this group.*	
What is the liner inspection surface area in square feet	770
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	02/18/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Pump Containment
Please provide any information necessary for navigation to liner inspection site	32.1112,-103.27963

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 431831

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 431831
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	2/13/2025

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Phone: (505) 476-3441

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

QUESTIONS

Action 453023

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453023
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**Peach Booster Station**
Date Release Discovered	**02/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	985
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Oluwale Aderinto @ (505) 617-1363
Please provide any information necessary for navigation to sampling site	32.1112,-103.27963

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

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

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453023
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2025

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Santa Fe, NM 87505

QUESTIONS

Action 453025

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453025
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**Peach Booster Station**
Date Release Discovered	**02/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	985
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Oluwale Aderinto @ (505) 617-1363
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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453025
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2025

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QUESTIONS

Action 453028

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453028
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**Peach Booster Station**
Date Release Discovered	**02/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	985
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Oluwale Aderinto @ (505) 617-1363
Please provide any information necessary for navigation to sampling site	32.1112,-103.27963)

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CONDITIONS

Action 453028

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453028
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2025

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QUESTIONS

Action 453031

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453031
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**Peach Booster Station**
Date Release Discovered	**02/11/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	985
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/25/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Oluwale Aderinto @ (505) 617-1363
Please provide any information necessary for navigation to sampling site	32.1112,-103.27963

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CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 453031
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2025

From: Wells, Shelly, EMNRD
To: Chad Hamilton
Cc: Ashley Giovengo; Bratcher, Michael, EMNRD; Jason Touchet; Arsenio Jones
Subject: RE: [EXTERNAL] Extension Request - Matador Production Company - Peach Booster Station - Incident Number nAPP2504351069
Date: Monday, May 12, 2025 2:04:31 PM
Attachments: image001.png
image002.png
image003.png
image004.png

[**EXTERNAL EMAIL**]

Good afternoon Chad,

The extension request for NAPP2504351069 PEACH BOOSTER STATION is approved. The new due date to submit your updated remediation plan or closure report to the OCD is August 11, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Monday, May 12, 2025 1:53 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@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 - Peach Booster Station - Incident Number nAPP2504351069

All,

Matador Production Company (Matador) is requesting an extension of the current deadline of May 12, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Peach Booster Station (Site) (Incident Number nAPP2504351069). The release occurred on February 11, 2025, and approximately 9 barrels (bbls) of produced water were released inside of the lined containment; 8 bbls were recovered. Overspray from the release impacted an area approximately 984 square feet in size on-pad. The release has been laterally and vertically delineated in accordance with the strictest Closure Criteria per NMOCD Table I and excavation of impacted soil has begun. Matador is currently conducting a wetland delineation nearby to confirm site characterization and appropriate closure criteria before completing remediation. Matador intends to submit a remediation work plan or closure report that will include site characterization in consideration of the findings of the wetland investigation and final laboratory analytical results from excavation confirmation sampling activities. Matador respectfully requests an extension until August 10, 2025, to complete the site characterization investigation and final remediation.

Thanks,

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

From: Chad Hamilton
To: Wells, Shelly, EMNRD
Subject: RE: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION
Date: Friday, August 29, 2025 1:42:04 PM

Shelly,

My apologies for the delay on getting these pictures to you. If you need anything else let me know.

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, August 27, 2025 1:35 PM
To: Chad Hamilton <chamilton@ensolum.com>
Subject: RE: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

[**EXTERNAL EMAIL**]

Hi Chad,

Thank you for taking the time to update me!

Much appreciated,

Shelly

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Wednesday, August 27, 2025 12:36 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

Shelly,

I just wanted to give you an update on the pictures for the Peach Booster Station. Unfortunately, the field personnel we had scheduled for this today was pulled away due to some scheduling issues. I will have someone out there tomorrow to take those pictures and will get them to you as soon as I can.

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, August 26, 2025 4:16 PM
To: Chad Hamilton <chamilton@ensolum.com>
Subject: RE: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

[**EXTERNAL EMAIL**]

Thank you, Chad.

Shelly

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, August 26, 2025 1:17 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: Re: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

Yes ma'am I will get someone out there tomorrow and get those photos for you.

Sent from my Verizon, Samsung Galaxy smartphone
Get Outlook for Android

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, August 26, 2025 1:15:33 PM
To: Chad Hamilton <chamilton@ensolum.com>
Subject: FW: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

[**EXTERNAL EMAIL**]

Hi Chad,

Thank you for taking a look into that for me. Yes, if you could provide more photos of the seam to show that it has the ability to contain fluids that would be helpful.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, August 26, 2025 12:14 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

Shelly,

After looking into it further the photo you are asking about is of a patch that was done to one of the superficial tears that were reference in paragraph one of Site Assessment and Delineation Soil Sampling Activities. This patch was to ensure that the superficial damage did not become something more problematic in the future. Unfortunately, I can't seem to find a better picture showing the seem in question. I can run out to the location tomorrow and take additional photos for you if you would like.

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, August 26, 2025 11:58 AM
To: Chad Hamilton <chamilton@ensolum.com>
Subject: RE: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

[**EXTERNAL EMAIL**]

Hi Chad,

There was only one patch in the tank battery, right? Perhaps if you could send some additional photos of the seam? In photos 13 and 14 you can see the seam but not in 15.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, August 26, 2025 11:32 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Subject: [EXTERNAL] RE: NAPP2504351069 PEACH BOOSTER STATION

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

Shelly,

My apologies for that, it is not a crack just a section where two portions of liner material had been glued together that is casting a shadow. The replace later is a note that was put there by the person that initiated the photolog, to ensure that the place holder photos were replaced, that was unfortunately copied in the following pages and was not deleted prior to adding the photolog to the report.

Again, I am sorry if this caused some confusion. Please let me know if you have any other questions.

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, August 26, 2025 11:20 AM
To: Chad Hamilton <chamilton@ensolum.com>
Subject: NAPP2504351069 PEACH BOOSTER STATION

[**EXTERNAL EMAIL**]

Good morning Chad,

I am reviewing the submitted remediation closure report for the following release NAPP2504351069 PEACH BOOSTER STATION and noticed in Photograph 15, where BH01 was patched is a crack in the liner with a caption “Replace later.” Do you know if this has been done or when this is going to be done? I look forward to hearing back from you on this.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
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Oil Conservation Division
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QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504351069**
Incident Name	**NAPP2504351069 PEACH BOOSTER STATION @ 0**
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	PEACH BOOSTER STATION
Date Release Discovered	02/11/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 9 BBL | Recovered: 8 BBL | Lost: 1 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.*

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 08/11/2025

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494512
	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 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	15400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	04/22/2025
On what date will (or did) the final sampling or liner inspection occur	04/25/2025
On what date will (or was) the remediation complete(d)	04/25/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	984
What is the estimated volume (in cubic yards) that will be remediated	70
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Northern Delaware Basin Landfill Jal NM
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 08/11/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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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: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**453031**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/25/2025**
What was the (estimated) number of samples that were to be gathered	**8**
What was the sampling surface area in square feet	**985**

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	984
What was the total volume (cubic yards) remediated	70
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	N/A

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: 08/11/2025

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QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 494512
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/3/2025