

July 21, 2025

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

Re: Deferral Request Dagger State SWD

Incident Number nAPP2512532447

Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Deferral Request* to document assessment and soil sampling activities performed at the Dagger State SWD (Site) in Unit G, Section 30, Township 21 South, Range 33 East, in Lea County, New Mexico (Figure 1). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil resulting following a release of produced water inside the lined secondary containment. Based on field observations, field screening activities, and laboratory analytical results, Matador is submitting this *Deferral Request*, describing Site assessment and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2512532447 until the Site is reconstructed and/or the pad is abandoned.

#### SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Lea County, New Mexico (32.44961°, -103.60718°) and is associated with oil and gas exploration and production operations on State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On May 4, 2025, an equipment failure caused the overflow of a produced water tank inside the lined secondary containment at the Site. The tank overflow resulted in the release of approximately 185 barrels (bbls) of produced water; 185 bbls of produced water were recovered via vacuum truck. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on May 5, 2025. The release was assigned Incident Number nAPP2512532447. A 48-hour advance notice of a liner inspection was provided via email to the NMOCD office on May 6, 2025. A liner integrity inspection was conducted by Ensolum personnel on May 9, 2025, and the liner was determined to be insufficient to contain the release in question. The release impacted an area approximately 633 square feet in size on the north side of the lined secondary containment. The Form C-141 can be referenced within the NMOCD Incident Portal.

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, New Mexico 88220 | ensolum.com



According to the New Mexico Office of the State Engineer (NMOSE), the closest permitted groundwater well with depth to groundwater data is CP 1882 POD1, located approximately 1,131 feet northeast of the release area with a reported depth to groundwater greater than 106 feet below ground surface (bgs) and a total depth of 106 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallow groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry was, located approximately 2.14 miles south-southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

#### **CULTURAL RESOURCE SURVEY**

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

#### SITE ASSESSMENT ACTIVITIES

On May 5, 2025, May 8, 2025, May 19, 2025, and May 20, 2025, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Ensolum personnel mapped the release extent and collected nine lateral delineation soil samples (SS01 through SS04, SS04A through SS04C, SS05, and SS06) from the edge of the release extent at ground surface and 1-foot bgs. On May 9, 2025, Ensolum personnel completed a liner integrity inspection, and four holes were identified in the lined secondary containment liner. Ensolum personnel advanced 4 boreholes (BH01 through BH04) via hand auger inside the lined secondary containment. Boreholes BH01, BH02 and BH04 were advanced to a depth of 1-foot bgs and borehole BH03 was advanced to a depth of 3 feet bgs. One borehole, BH05, was advanced within the impacted area on the north side of the containment to a depth of 2 feet bgs. Soils from lateral delineation and vertical delineation soil sampling were field screened for TPH utilizing a calibrated PetroFLAG® soil analyzer system and for chloride using Hach® chloride QuanTab® test strips respectively.

The delineation soil sample locations are depicted on Figure 2. Lithologic Sample Logs are included as Appendix B. Photographs were taken during the liner integrity inspection and during soil sampling activities and a photographic log is included in Appendix C.



All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-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**

On June 9, 2025, impacted soil was excavated via hydrovac from the release extent outside of containment as indicated by visible staining and delineation soil sampling results. The excavation occurred on the north side of the lined secondary tank containment. To direct excavation activities, Ensolum personnel field screened soil for TPH and chloride utilizing the same manner as previously described.

Following removal of the impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the floor of the scrape. 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 FS04) were collected from the floor of the excavation at a depth of 0.5 feet bgs. Due to the shallow nature of the excavation (0.5 feet bgs), sidewall samples were incorporated into the confirmation floor samples. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 637 square feet. A total of approximately 15 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility in Hobbs, New Mexico.

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01 through SS04, SS04B through SS04C, SS05, and SS06) collected from around the release extent, were in compliance with the Site Closure criteria and with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for lateral delineation soil sample SS04A indicated COC concentrations were in compliance with the Site Closure Criteria at ground surface and with the strictest Closure Criteria at a depth of 1-foot bgs. Laboratory analytical results from delineation boreholes BH01, BH02, and BH04, collected inside the secondary containment, and borehole BH05, collected from within the release extent on-pad, were all in compliance with the Site Closure Criteria and the strictest Closure Criteria at ground surface. Borehole BH03, collected from the release area, exceeded the Site Closure Criteria at the ground surface but was in compliance with the Site Closure Criteria and with the strictest Closure Criteria at a depth of 1-foot bgs. BH03 is located within the secondary containment, near an above ground storage tank and piping.

Laboratory analytical results for excavation floor samples FS01 and FS03, collected from the floor of the release extent, were in compliance with the Site Closure criteria and with the strictest Closure Criteria per NMOCD Table I at a depth of 0.5 feet bgs. Laboratory analytical results for excavation floor samples FS02 and FS04, collected at 0.5 feet bgs, were in compliance with the Site Closure Criteria at a depth of 0.5 feet bgs. Laboratory analytical results are summarized in Tables 1 and 2 and the complete laboratory analytical report is included as Appendix D.



#### **RECLAMATION PLAN**

The release remained on the well pad that is currently in operation for oil and gas production purposes. As such, the release area is not expected to be reclaimed until the oil and gas well is plugged and abandoned (P&A'd) and the well pad is reclaimed. The *Reclamation Plan* for this release will default to the NMSLO-approved *Reclamation Plan* for the well pad per 19.2.100.67 NMAC. The excavation will be backfilled with locally sourced caliche to match the well pad's current grade, and the backfilled area will not be seeded since it is within the active well pad.

#### **DEFERRAL REQUEST**

Matador is requesting deferral of final remediation due to the presence of active production equipment, process piping, the supports beneath them, preventing full excavation of impacted soil. The estimated area of remaining impacted soil based on analytical results for borehole BH03 measures approximately 4,405 square feet, and assuming a depth of up to 1-foot bgs under the lined containment with a total of approximately 163 cubic yards of impacted soil remaining in place. The deferral area and delineation soil samples are depicted on Figure 4.

Impacted soil is limited to the area beneath active production equipment, where remediation would require a major facility deconstruction. The release extent has been laterally delineated by delineation soil samples SS01 through SS03, SS04A through SS04C, SS05 and SS06 at ground surface and vertically delineated by borehole samples (BH01 through BH05) at depths ranging from 1-foot and 2 feet bgs.

Matador does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 100 feet bgs, and all accessible impacted soil was removed during the excavation activities. Any gross impacts were removed via scraping of the ground surface. Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Matador requests deferral of final remediation for Incident Number nAPP2512532447 until final reclamation of the well pad or major construction, whichever comes first.

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 Senior Managing Geologist

cc: Jason Touchet, Matador



## Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Excavation Soil Sample Locations
Figure 4	Area of Requested Deferral

Table 1	Delineation Soil Sample Analytical Results
Table 2	<b>Excavation Soil Sample Analytical Results</b>

Appendix A	Well Record and Log
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Appendix B Lithologic Soil Sampling Logs

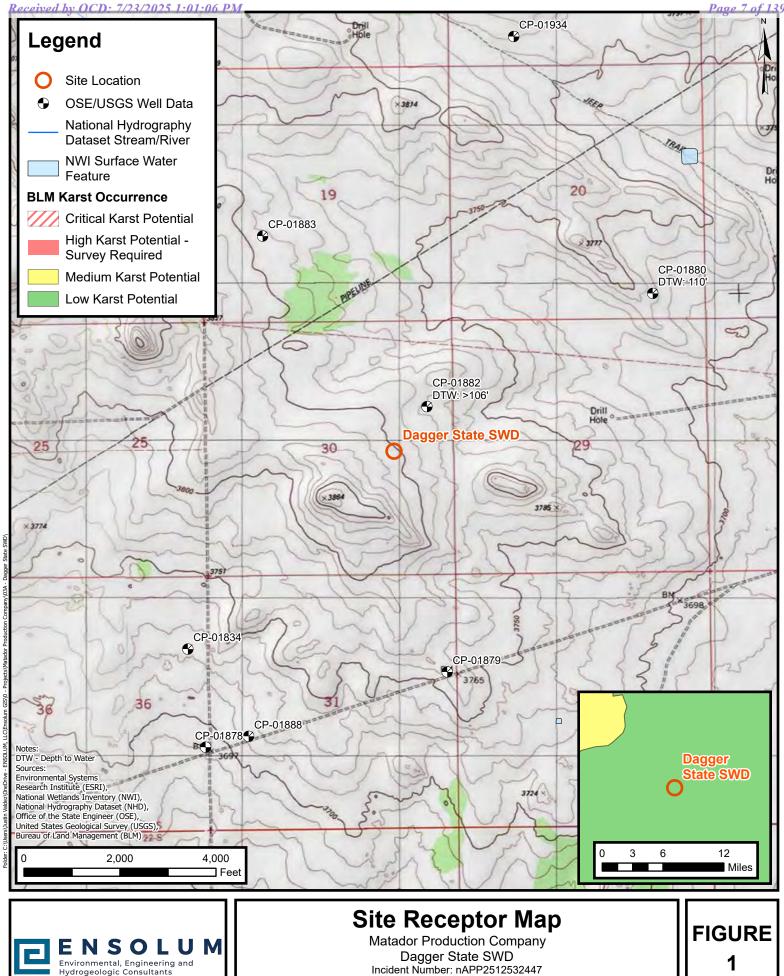
Appendix C Photographic Log

Laboratory Analytical Reports & Chain-of-Custody Documentation NMOCD Correspondence Appendix D

Appendix E

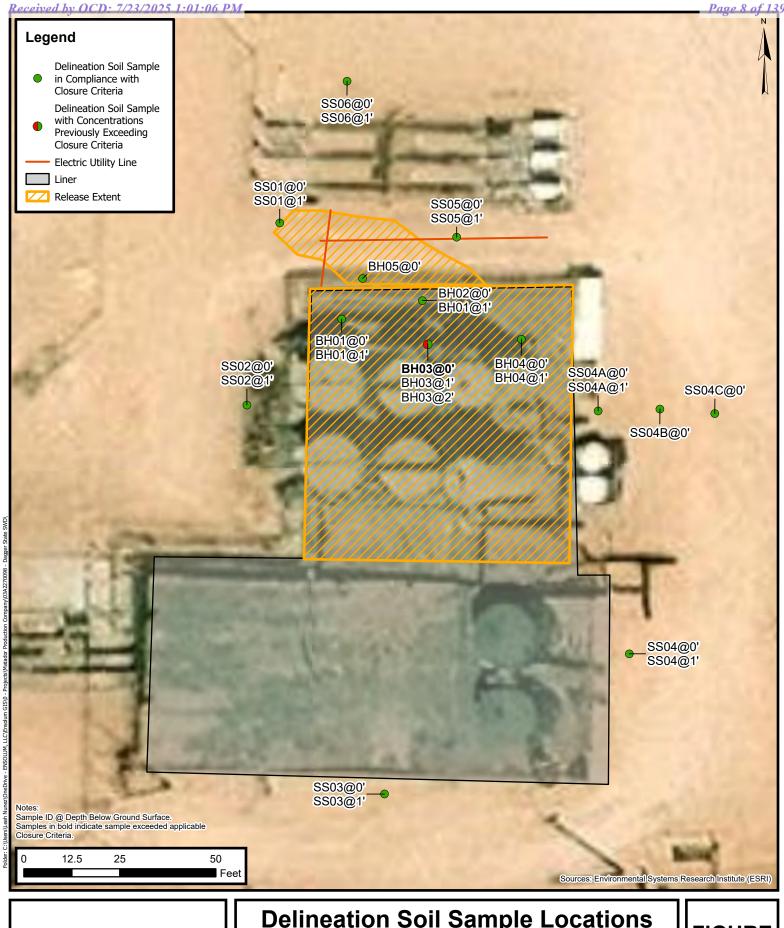


**FIGURES** 



Released to Imaging: 8/4/2025 9:18:57 AM

Incident Number: nAPP2512532447 Unit G, Section 30, T 21S, R 33E Lea County, New Mexico





# **Delineation Soil Sample Locations**

Matador Production Company Dagger State SWD Incident Number: nAPP2512532447 Unit G, Section 30, T 21S, R 33E Lea County, New Mexico

**FIGURE** 2

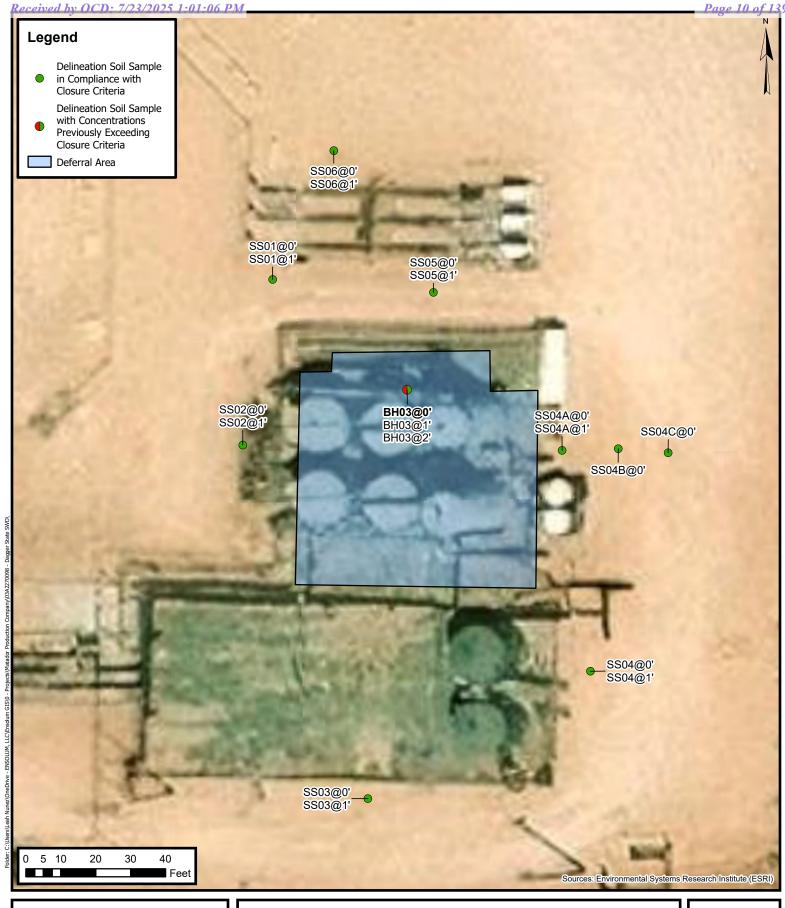




# **Confirmation Soil Sample Location**

Matador Production Company
Dagger State SWD
Incident Number: nAPP2512532447
Unit G, Section 30, T 21S, R 33E
Lea County, New Mexico

FIGURE 3





# **Area of Requested Deferral**

Matador Production Company Dagger State SWD Incident Number: nAPP2512532447 Unit G, Section 30, T 21S, R 33E Lea County, New Mexico FIGURE 4



**TABLES** 



# TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Dagger State SWD 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	20,000	
				Delin	neation Soil San	nples					
SS01	5/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.9	
SS01	5/8/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.9	
SS02	5/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
SS02	5/8/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	155	
SS03	5/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
SS03	5/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.7	
SS04	5/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
SS04	5/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.2	
SS04A	6/9/2025	0	<0.0250	<0.0500	<20.0	87.2	138.0	87.2	225.2	<20.0	
SS04A	6/9/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
SS04B	6/20/2025	0	< 0.0250	<0.0500	<20.0	27.5	55.3	27.5	82.8	23.7	
SS04C	6/19/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
SS05	5/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	120	
SS05	5/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	114	
SS06	5/8/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
SS06	5/8/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	128	



# TABLE 1 - CONT'D SOIL SAMPLE ANALYTICAL RESULTS

#### Dagger State SWD

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	20,000
	Delineation Soil Samples									
BH01	5/9/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	5/9/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	5/9/2025	0	< 0.0250	<0.0500	<20.0	409	290	409	699	348
BH02	5/9/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	5/9/2025	0	0.0538	2.0478	41.6	4,760	2,010	4,802	6,812	316
BH03	5/9/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.6
BH03	5/9/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.6
BH04	5/9/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	5/9/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	5/9/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	132
BH05	5/9/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.0

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

<sup>&</sup>quot;<": Laboratory Analytical result is less than reporting limit

<sup>\*</sup> 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.



#### TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS

**Dagger State SWD 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	20,000
				Excava	ation Floor Soil S	amples				
FS01	6/9/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	491
FS02	6/9/2025	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,050
FS03	6/9/2025	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	477
FS04	6/9/2025	0.5	< 0.0250	<0.0500	<20.0	82.8	69.4	82.8	152	1,020

#### Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics



**APPENDIX A** 

Well Log and Record

PAGE 1 OF 2

WELL TAG ID NO.



										····
	OSE POD NO		.)		WELL TAG ID NO.		OSE FILE NO	S).		
NO.	POD1 (T				n/a		CP-1882			
CAT	WELL OWN Advanced				PHONE (OPTI 832.672.470					
3										
GENERAL AND WELL LOCATION	WELL OWN 11490 We		Rd. Stuit 950				Houston		TX 77077	ZIP
E	WELL		DI	EGREES	MINUTES S	SECONDS	1			
TA	LOCATIO	ON LA	TITUDE	32	27	7.70 N	* ACCURACY	REQUIRED: ONE TENT	TH OF A SECOND	
ER	(FROM GI	PS) LO	NGITUDE	103	36	17.7 W	* DATUM RE	QUIRED: WGS 84		
EN	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARK						SS (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
=	SE SE NE	Sec. 30 T	21S R33E							
	LICENSE NO	).	NAME OF LICENSED	DRILLER		·		NAME OF WELL DRI	LLING COMPANY	
	12	49			Jackie D. Atkins			Atkins Eng	ineering Associates,	Inc.
	DRILLING S 10/06		DRILLING ENDED 10/07/2021		OMPLETED WELL (FT) rary well material	BORE HO	LE DEPTH (FT) 106	DEPTH WATER FIRS	ST ENCOUNTERED (FT n/a	)
z	COMPLETE	D WELL IS:	ARTESIAN	DRY HO	LE SHALLOW (	UNCONFINED)		STATIC WATER LEV	'EL IN COMPLETED W n/a	ELL (FT)
CASING INFORMATION	DRILLING FLUID: AIR MUD ADDITIVES – SPECIFY					- SPECIFY:		1		
MA.	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OT							Hollo	w Stem Auger	
FOR	DEDETT	/C +1 D	French	T GASDYO	NA TERIAL AND 10			1	l .	1
N.	DEPTH (feet bgl)   BORE HOLE   FROM   TO   DIAM			CASING	MATERIAL AND/O GRADE	``  C	ASING NECTION	CASING INSIDE DIAM.	CASING WALL THICKNESS	SLOT SIZE
SIR	I KOM	.0	(inches)		each casing string, and sections of screen)	d   .	TYPE	(inches)	(inches)	(inches)
\S	0	106	±6.5	Hote	Boring- HSA	(add con)	pling diameter)			
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	DEPTH	(feet bgl)	BORE HOLE	1	IST ANNULAR SEAI			AMOUNT	METHO	
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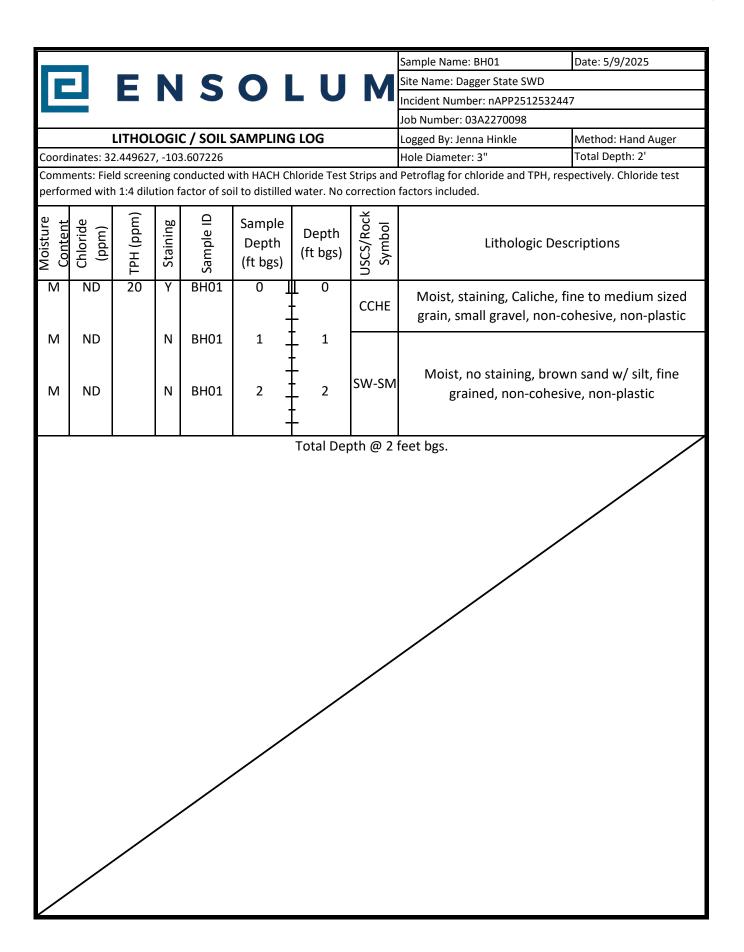
LOCATION

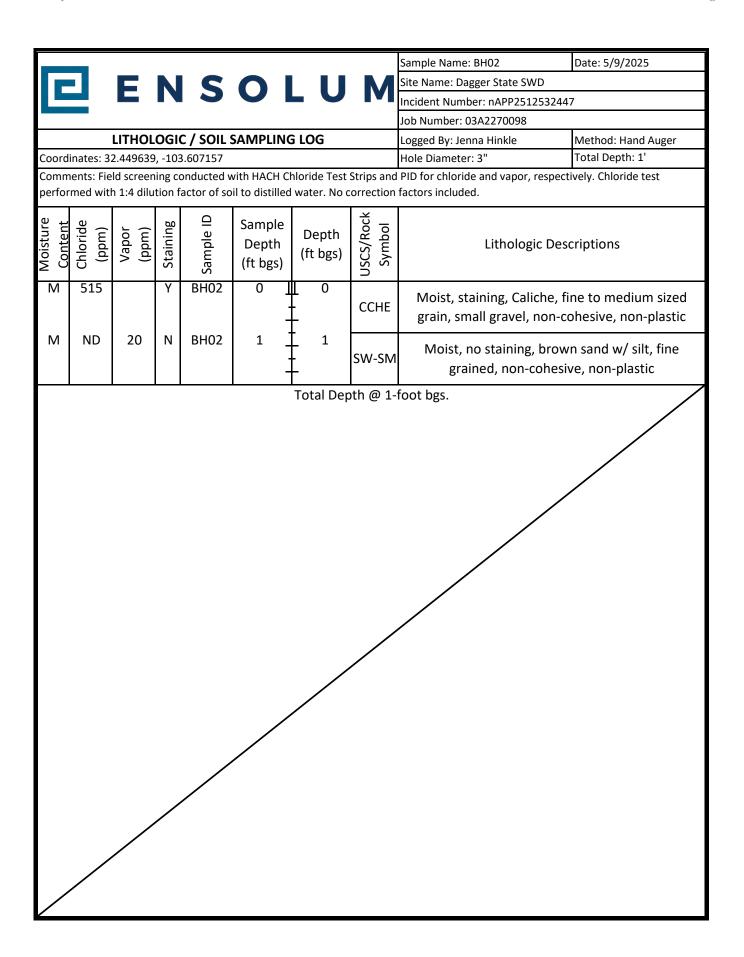
	DEPTH (	feet bgl)		COLOR AN	D TYPE OF MATERIAL EN	ICOUN	TERED -		WA	TER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	ł	R-BEARING CAVITIES OF plemental sheets to fully de			5	BEAR (YES	ING?	WATER- BEARING ZONES (gpm)
:	0 9 9 Sand, Fine-grained, poorly graded, Red								Y	√ N	ZOIVES (gpm)
	9	19	10		che, with fine-grained sand, V		n		Y	√ N	<del></del>
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	69	79	10		ained, poorly graded with cla				Y	√N	
	79	106	27	·	solidated, with fine-grained s	-			Y	√ N	
ر								T	Y	N	
4. HYDROGEOLOGIC LOG OF WELL									Y	N	
OF V					· ·				Y	N	
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IC L									Y	N	
COG									Y	N	
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ROG									Y	N	
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	METHOD U	ISED TO ES	TIMATE YIELD	OF WATER-BEARING	G STRATA:				AL ESTIN		0.00
,	PUM	P A	IR LIFT	BAILER OT	HER – SPECIFY:			WEL	L HELL	(gpiii).	0.00
/ISION	WELL TES				'A COLLECTED DURING VIOWING DISCHARGE AN						
[NIS]	MISCELLA	NEOUS IN	ORMATION: To	emporary well materia	als removed and the soil b	oring b	ackfilled usi	ng drill	cuttings	from to	tal depth to ten
PER					ce, then hydrated bentoni						
C ST											
7; RI							į	13E [	III NGU	2 202	LAMS117
TEST; RIG SUPER	PRINT NAM	ME(S) OF D	RILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSITE SUPERVIS	SION OI	WELL CON	STRU	CTION O	THER TH	IAN LICENSEE:
,	Shane Eldri	dge, Carme	elo Trevino, Car	neron Pruitt							
TURE	CORRECT	RECORD O	F THE ABOVE I	DESCRIBED HOLE AN	EST OF HIS OR HER KNO ID THAT HE OR SHE WILI PLETION OF WELL DRILI	LFILET					
6. SIGNATURE	Jack At	kins		Jac	ckie D. Atkins				10/2	8/2021	
•		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME	-				DATE	
FOI	R OSE INTER	NAL USE					WR-20 WE	LL RE	CORD &	LOG (Ve	rsion 06/30/2017)
	E NO.				POD NO.		TRN NO.				
LO	CATION					WELL	TAG ID NO.				PAGE 2 OF 2

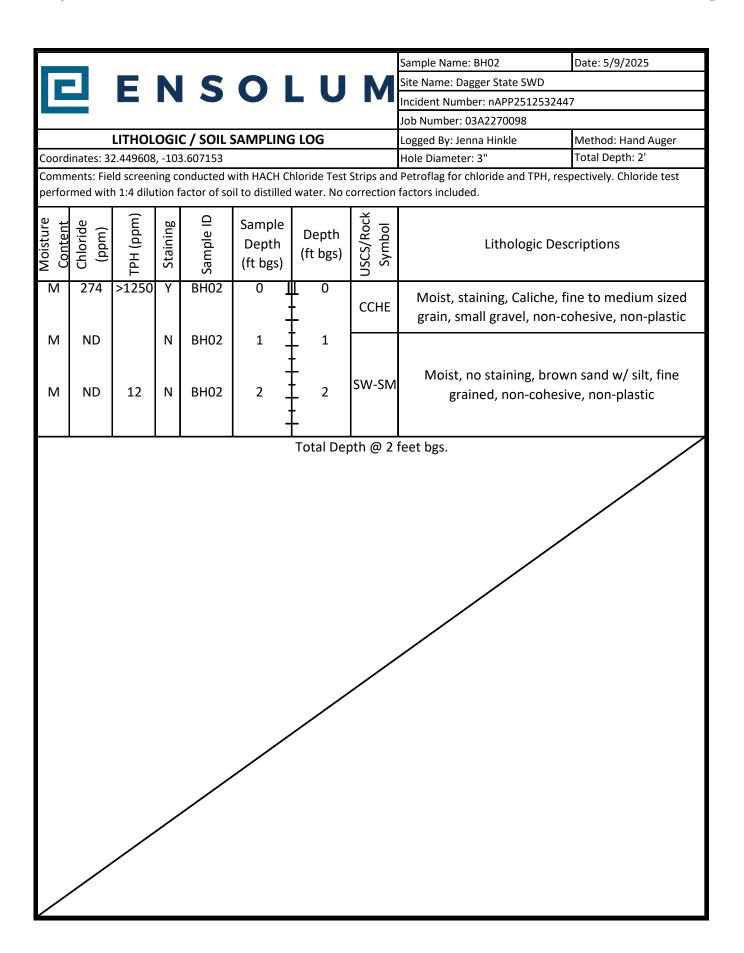


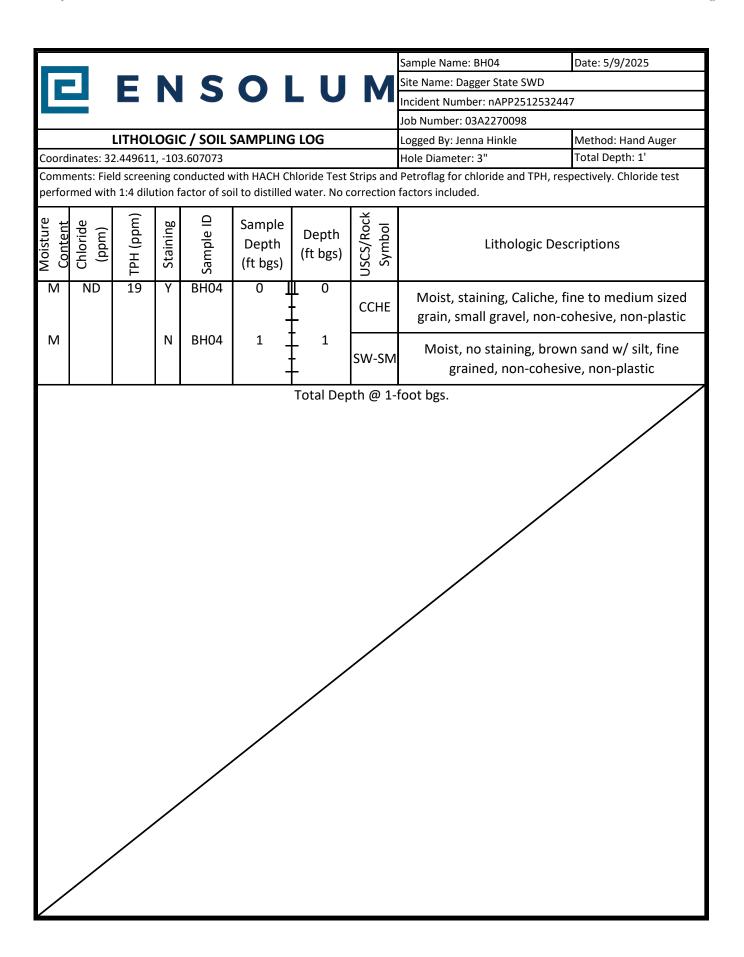
**APPENDIX B** 

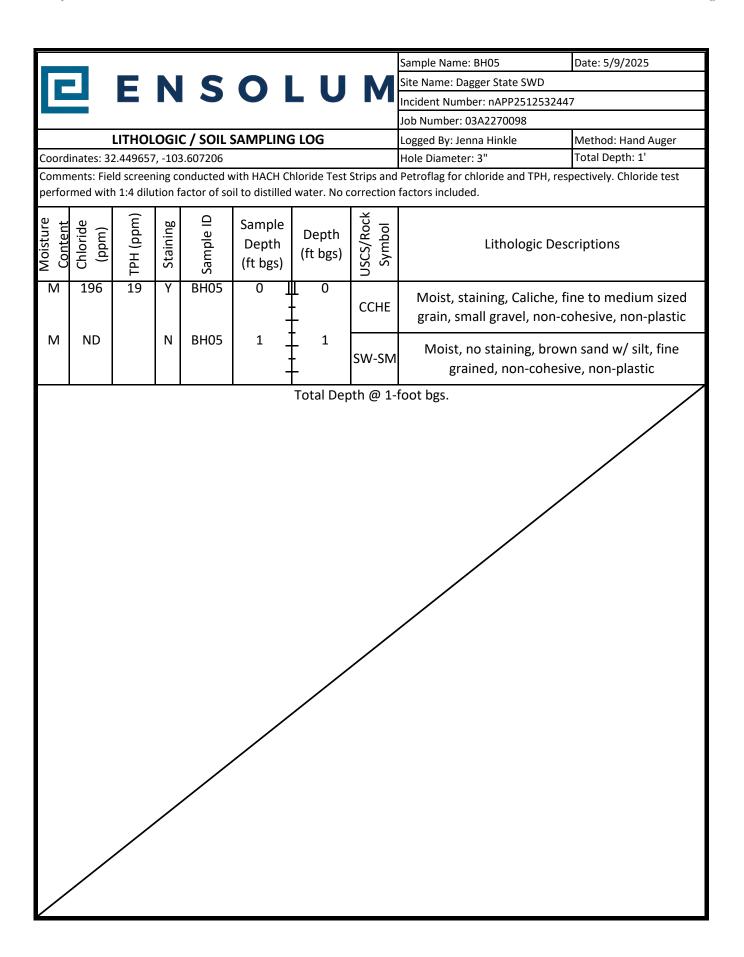
Lithologic Soil Sampling Logs













**APPENDIX C** 

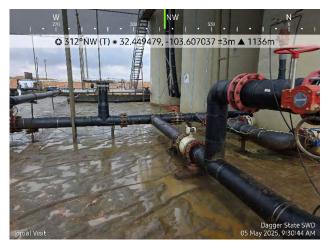
Photographic Log



## Photographic Log

Matador Production Company
Dagger State SWD
nAPP2512532447





Photograph 1

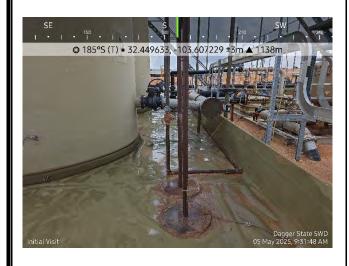
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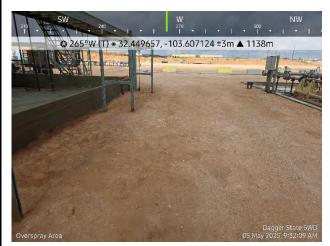
Date:5/8/2025

Photograph 2

Description: Initial Visit View: Northwest Date:5/5/2025

Date:5/5/2025





Photograph 3

Description: Initial Visit

View: South

Date:5/5/2025

Photograph 4

ilograpii 4

Description: Overspray Area

View: West



## **Photographic Log Matador Production Company** Dagger State SWD

nAPP2512532447





Photograph 5

Description: Delineation (SS01)

View: Southeast

Date:5/8/2025

Photograph 6

Description: Delineation (SS06)

View: East





Photograph 7

Date: 5/8/2025

Photograph 8

Date: 5/9/2025

Date:5/8/2025

Description: Delineation (SS05)

View: East

Description: Liner Inspection

View: East



**Photographic Log Matador Production Company** Dagger State SWD nAPP2512532447





Photograph 9 Description: Liner Inspection

View: Southwest

Date: 5/9/2025 Photograph 10

Description: Liner Inspection

View: West

Date: 5/9/2025

Date: 5/9/2025

© 270°W (T) • 32.449661, -103.607252 ±9ft ▲ 3730ft



Photograph 11

Description: Liner Inspection

View: West

Photograph 12

Description: Liner Inspection

View: Southeast

Date: 5/9/2025



### **Photographic Log Matador Production Company** Dagger State SWD

nAPP2512532447



Date: 5/9/2025

Date: 5/9/2025



Photograph 13

Description: Delineation (BH01)

View: Northwest

Photograph 14

Description: Delineation (BH03)

View: South





Photograph 15

Description: Liner Patch (BH02)

View: North

Photograph 16

Description: Liner Patch (BH03)

View: West

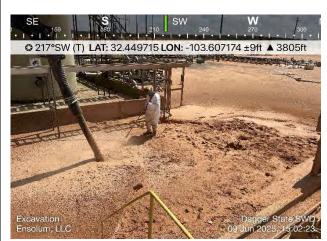
Date: 5/9/2025

Date: 5/9/2025



# Photographic Log Matador Production Company Dagger State SWD nAPP2512532447





Photograph 17 Date: 6/9/2025 Photograph 18 Date: 6/9/2025

Description: Hydrovac
View: East

Description: Hydrovac
View: Southwest





Photograph 19 Date: 6/9/2025 Photograph 20 Date: 6/20/2025

Description: Hydrovac Description: Delineation
View: South View: South



# APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Matador Resources, LLC.

Project Name: Dagger State SWD

Work Order: E505117

Job Number: 23003-0002

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/16/25

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: 5/16/25

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

Project Name: Dagger State SWD

Workorder: E505117

Date Received: 5/12/2025 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: Dagger State SWD.

The analytical test results summarized in this report with the Project Name: Dagger State SWD 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

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## Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State SWD	Donastad:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/16/25 09:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E505117-01A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS01-1'	E505117-02A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS02-0'	E505117-03A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS02-1'	E505117-04A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS03-0'	E505117-05A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS03-1'	E505117-06A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS04-0'	E505117-07A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS04-1'	E505117-08A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS05-0'	E505117-09A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS05-1'	E505117-10A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS06-0'	E505117-11A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
SS06-1'	E505117-12A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.

## **Sample Data**

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS01-0'

#### E505117-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2520020	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		104 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: DT			Batch: 2520057
-	84.9	20.0		05/13/25	05/14/25	

## **Sample Data**

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS01-1'

E50511	7-0	)2
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		85.0 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: SL		Batch: 2520005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		104 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2520057	
Chloride	50.9	20.0	1	05/13/25	05/14/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS02-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		107 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2520057
		,	,			



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS02-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		106 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2520057
Chloride	155	20.0	1	05/13/25	05/14/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS03-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		109 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2520057
Chloride	ND	20.0	1	05/13/25	05/14/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS03-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		107 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2520057
Chloride	41.7	20.0	1	05/13/25	05/14/25	·



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS04-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		104 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2520057
Chloride	ND	20.0	1	05/13/25	05/14/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS04-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		109 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2520057
Chloride	54.2	20.0	1	05/13/25	05/14/25	•



# **Sample Data**

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS05-0'

		E505117-09				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		103 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2520057
Chloride	120	20.0	1	05/13/25	05/14/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS05-1'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520005
ND	0.0250	1	05/12/25	05/15/25	
ND	0.0250	1	05/12/25	05/15/25	
ND	0.0250	1	05/12/25	05/15/25	
ND	0.0250	1	05/12/25	05/15/25	
ND	0.0500	1	05/12/25	05/15/25	
ND	0.0250	1	05/12/25	05/15/25	
	90.1 %	70-130	05/12/25	05/15/25	
mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2520005
ND	20.0	1	05/12/25	05/15/25	
	97.3 %	70-130	05/12/25	05/15/25	
mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520020
ND	25.0	1	05/12/25	05/14/25	
ND	50.0	1	05/12/25	05/14/25	
		(1.141	05/12/25	05/14/25	
	103 %	61-141	05/12/25	03/14/23	
mg/kg	103 % mg/kg		05/12/25 alyst: DT	03/14/23	Batch: 2520057
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           MD         20.0           97.3 %         mg/kg           MD         25.0	mg/kg         mg/kg         And           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           90.1 %         70-130           mg/kg         mg/kg         And           ND         20.0         1           97.3 %         70-130         1           mg/kg         mg/kg         And           ND         25.0         1	mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         05/12/25           ND         0.0250         1         05/12/25           ND         0.0250         1         05/12/25           ND         0.0250         1         05/12/25           ND         0.0500         1         05/12/25           ND         0.0250         1         05/12/25           mg/kg         Malyst: SL         Malyst: SL           ND         20.0         1         05/12/25           mg/kg         70-130         05/12/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         05/12/25	mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         05/12/25         05/15/25           ND         0.0500         1         05/12/25         05/15/25           ND         0.0250         1         05/12/25         05/15/25           90.1 %         70-130         05/12/25         05/15/25           mg/kg         Malyst: SL         ND         20.0         1         05/12/25         05/15/25           mg/kg         70-130         05/12/25         05/15/25         05/15/25           mg/kg         mg/kg         Analyst: KH         ND         25.0         1         05/12/25         05/14/25



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS06-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		99.3 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2520057
Chloride	ND	20.0	1	05/13/25	05/14/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

## SS06-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2520020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
Surrogate: n-Nonane		100 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2520057
Chloride	128	20.0	1	05/13/25	05/14/25	



Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Matrix Spike Dup (2520005-MSD1)

6.50

4.58

4.64

4.63

4.55

9.37

13.9

6.68

## **QC Summary Data**

Dagger State SWD Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/16/2025 9:50:22AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2520005-BLK1) Prepared: 05/12/25 Analyzed: 05/14/25 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.74 8.00 84.2 70-130 LCS (2520005-BS1) Prepared: 05/12/25 Analyzed: 05/14/25 4.98 5.00 99.5 70-130 Benzene 0.0250 Ethylbenzene 5.01 0.0250 5.00 100 70-130 5.03 0.0250 5.00 101 70-130 Toluene o-Xylene 4.93 0.0250 5.00 98.6 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 0.0250 15.0 Total Xylenes 8.00 83.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.64 Matrix Spike (2520005-MS1) Source: E505115-04 Prepared: 05/12/25 Analyzed: 05/14/25 4.79 0.0250 5.00 ND 95.8 70-130 Benzene ND 70-130 Ethylbenzene 4.82 0.0250 5.00 96.3 Toluene 4.84 0.0250 5.00 ND 96.8 70-130 4.72 5.00 ND 94.5 70-130 0.0250 o-Xylene p,m-Xylene 9.72 0.0500 10.0 ND 97.2 70-130 0.0250 15.0 ND 70-130 Total Xylenes

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

4.45

3.75

4 42

3.75

3.65

3.69

Source: E505115-04

91.7

92.8

92.6

91.0

93.7

92.8

83.4

ND

ND

ND

ND

ND

ND

envirotech Inc.
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Prepared: 05/12/25 Analyzed: 05/14/25

27

26

20

25

23

26

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

# **QC Summary Data**

Matador Resources, LLC.Project Name:Dagger State SWDReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/16/20259:50:22AM

	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2520005-BLK1)							Prepared: 0	5/12/25 Ana	lyzed: 05/14/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130				
LCS (2520005-BS2)							Prepared: 0	5/12/25 Ana	lyzed: 05/14/25	
Gasoline Range Organics (C6-C10)	37.3	20.0	50.0		74.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.3	70-130				
Matrix Spike (2520005-MS2)				Source:	E505115-0	)4	Prepared: 0	5/12/25 Ana	lyzed: 05/14/25	
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.1	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130				
Matrix Spike Dup (2520005-MSD2)				Source:	E505115-0	)4	Prepared: 0	5/12/25 Ana	lyzed: 05/14/25	

50.0

8.00

42.5

7.94

20.0

ND

85.0

99.2

3.54

20

70-130

70-130

Matador Resources, LLC.	Project Name:	Dagger State SWD	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/16/2025 9:50:22AM

Danas 1X, 73240		1 Toject Ivianage	7.5	micy Gloveng	50				710/2023 7.30.22/11		
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: KH		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2520020-BLK1)							Prepared: 0	5/12/25 An	alyzed: 05/13/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	48.4		50.0		96.8	61-141					
LCS (2520020-BS1)							Prepared: 0	5/12/25 An	alyzed: 05/13/25		
Diesel Range Organics (C10-C28)	256	25.0	250		102	66-144					
Surrogate: n-Nonane	47.7		50.0		95.4	61-141					
Matrix Spike (2520020-MS1)				Source:	E505114-0	05	Prepared: 0	5/12/25 An	alyzed: 05/13/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156					
Surrogate: n-Nonane	50.0		50.0		100	61-141					
Matrix Spike Dup (2520020-MSD1)				Source:	E505114-0	05	Prepared: 0	5/12/25 An	alyzed: 05/13/25		
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156	1.36	20			
Surrogate: n-Nonane	50.2		50.0		100	61-141					

Chloride

Chloride

Chloride

Matrix Spike (2520057-MS1)

Matrix Spike Dup (2520057-MSD1)

# **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	Dagger State S' 3003-0002 Ashley Gioven					<b>Reported:</b> 5/16/2025 9:50:22AM
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit	Notes
Blank (2520057-BLK1)	ing kg	шуку	mg/kg	ilig/kg	/0				nalyzed: 05/14/25
Chloride	ND	20.0							
LCS (2520057-BS1)						F	Prepared: 0	5/13/25 A	nalyzed: 05/14/25

250

250

250

20.0

20.0

20.0

101

106

106

Source: E505117-03

Source: E505117-03

ND

90-110

80-120

80-120

0.294

Prepared: 05/13/25 Analyzed: 05/14/25

Prepared: 05/13/25 Analyzed: 05/14/25

20

253

264

265

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:	Dagger State SWD	
5400 LBJ Freeway,	Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	05/16/25 09:50

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.



Imaging: 8/4/2025 9:18:57 AM



	Clie	nt Inform	nation		In	voice Information				La	b Us	e Only	1			1	ГАТ		State
	atador Prod			_	Company: Er		Alexandra de la compansión de la compans	_ Lab	WO#		4	Job No			11	D 2D	3D Sto	NM	CO UT TX
	ame: Dagg lanager: Asl					2 National Parks H : Carlsbad NM, 8		- Es	505	11	7	230	03.	000	2	1	x		
Address:	3122 Nation	nal Parks	Hwy		Phone: 575-	988-0055						Analy	sis a	nd N	/letho	d	1 1		A Program
	e, Zip: Carls 75-988-005		88220		Miscellaneous:	engo@ensolum.c	om	+						V				SDWA	CWA RCF
Email: ag	giovengo@e	nsolum.c	om						by 8015	8015					5			Compliand PWSID #	ce Y or
				Sample Info	ormation				RO by	RO by	y 8021	8260	e 300.0	X1-50	Metal	MN	×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter Z	Lab umbe	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Samle Temp	Remarks
2437	Status	50,1	1		SSO	-0'		1								+		4.3	
1223		1	1		SSOI	-11	1	2								4		4.1	
0946					5502	-0'		3								4		3.1	
1233					SS 02	-11	(	1								1		3.3	
0445					5503	-0'		5								4		34	
1240					5503	-1'		6								4		3.6	
0948					5504	-0'		7								X		3.8	
1248					5504	-11	8	3								4		3.7	
0954					5505	0'		9								1		33	
1252		1			5505	1'		10								1		3.8	
Addition						@ensolum.com,				0.00		ton@	enso	lum.	.com,	bmoi	r@ensolu	ım.com,	
I. (field same		e validity an	d authenticit			h or intentionally mislab						lection is	s consi	dered	fraud ar	nd may l	be grounds fo	or legal action.	9
Relinquishe	ed by: (Signatur	re)		Date	Time	Redeived by: (Signature)	e Gar	VI M	les	Date	-9	>5	T	ime D	711		nr.	Action of the control of the	equiring thermal
	ed by: (Signatur		rales	5-9.25	Time 1620	Received by: (Sig		8	1-8	Date	. a	-25	T	ime #	62	0	ic	e the day th	ney are sampled ed on ice at a te
	ed by: (Signatur			5.Q.29	Time .	Received by: (Sign	nature)	_		Date		-25	Т	ime	30				t less than 6°C or quent days.
Rollinguish	ed by: (Signatu	re)		Date	Time	Received by: (Sign	nature)			Date	•		_	ime	-0			Lab	Use Only
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Sign	nature)			Date	-		Т	ime					ved on ice:
					1					1								_	

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.

	Clie	nt Inform	nation		In	voice Information				Lab U	se O	nly				TA	T		
	Matador Prod				Company: Er			Lab W	0#		Job	Num	ber		1D	2D	3D Sto	MM E	C
	Name: DAGO			10		2 National Parks H		E50	120	17	23	00	3-0	2000			x	×	
	Manager: Asl s: 3122 Nation				Phone: 575-	o: Carlsbad NM, 88	220				An	alvsis	s and	Meth	nod			E	PA
-	ate, Zip: Carls					vengo@ensolum.co	m				T							SDWA	
_	575-988-005		7. 87		Miscellaneous														Ι
Email:	agiovengo@e	nsolum.c	om					_	8015					S				Complian PWSID #	_
-				Sample Info	rmation				SO by	,8021	8260	e 300.	XT - 20	Meta		MM	×		t
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab umber	DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	
1158	Status	Soil	1		SS06 SS06	-0'	1	1								+		4.0	
1256	Sighers	Soil	1		5506	-11	1.	2								+		3.9	l
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Printed: 5/12/2025 1:31:45PM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	05/12/25 0	8:30	Work Order ID:	E505117
Phone:	(972) 371-5200	Date Logged In:	05/09/25 1	4:28	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/16/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	he sample ID match the COC?		Yes			
2. Does tl	he number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample T	Furn Around Time (TAT)	ion.				
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	the sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling					
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded 11	n comments.		
	Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	_	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	Pate/Time Collected?		Yes			
	Collectors name?		Yes			
Sample F	Preservation		100			
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborate	orv?	No			
	subcontract laboratory specified by the client and	•		Subcontract Lab: NA		
	nstruction			Successful Luci 1111		
CHEILT	isti uction					

Date

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: Dagger State SWD

Work Order: E505142

Job Number: 23003-0002

Received: 5/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/19/25

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: 5/19/25

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

Project Name: Dagger State SWD

Workorder: E505142

Date Received: 5/13/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/13/2025 8:00:00AM, under the Project Name: Dagger State SWD.

The analytical test results summarized in this report with the Project Name: Dagger State SWD 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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# Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State SWD	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/19/25 12:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E505142-01A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH01-1'	E505142-02A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH02-0'	E505142-03A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH02-1'	E505142-04A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH03-0'	E505142-05A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH03-1'	E505142-06A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH03-2'	E505142-07A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH04-0'	E505142-08A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH04-1'	E505142-09A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH05-0'	E505142-10A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.
BH05-1'	E505142-11A	Soil	05/09/25	05/13/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH01-0' E505142-01

	E303142-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2520040
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0500	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
	99.8 %	70-130	05/13/25	05/15/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2520040
ND	20.0	1	05/13/25	05/15/25	
	107 %	70-130	05/13/25	05/15/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2520058
ND	25.0	1	05/13/25	05/15/25	
ND	50.0	1	05/13/25	05/15/25	
	102 %	61-141	05/13/25	05/15/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2520104
ND	20.0	1	05/15/25	05/15/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           Mg/kg         mg/kg           ND         20.0           107 %         mg/kg           ND         25.0           ND         50.0           102 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           MD         0.0250         1           MD         20.02         1           107 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           102 %         61-141         1           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: SL           ND         0.0250         1         05/13/25           mg/kg         Malyst: SL         Malyst: SL           ND         20.0         1         05/13/25           mg/kg         Malyst: HM           ND         25.0         1         05/13/25           ND         50.0         1         05/13/25           ND         50.0         1         05/13/25           ND         50.0         1         05/13/25           Mg/kg         Malyst: HM	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         05/13/25         05/15/25           ND         0.0250         1         05/13/25         05/15/25           ND         0.0250         1         05/13/25         05/15/25           ND         0.0500         1         05/13/25         05/15/25           ND         0.0250         1         05/13/25         05/15/25           ND         0.0250         1         05/13/25         05/15/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         05/13/25         05/15/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         05/13/25         05/15/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         05/13/25         05/15/25           ND         50.0         1         05/13/25         05/15/25           ND         50.0         1         05/13/25         05/15/25

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH01-1'

		E505142-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2520104
Chloride	ND	20.0	1	05/15/25	05/15/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH02-0'

		E505142-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
p-Xylene	ND	0.0250	1	05/13/25	05/15/25	
o,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	409	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	290	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2520104
Chloride	348	20.0	1	05/15/25	05/15/25	



Chloride

# **Sample Data**

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH02-1'

		E505142-04				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2520104

20.0

ND

05/15/25

05/15/25



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH03-0'

E5051	12	Λ5
17.717.71	44-	v.

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520040
Benzene	0.0538	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	0.324	0.0250	1	05/13/25	05/15/25	
Toluene	0.290	0.0250	1	05/13/25	05/15/25	
o-Xylene	0.431	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	0.945	0.0500	1	05/13/25	05/15/25	
Total Xylenes	1.38	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	41.6	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		114 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	4760	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	2010	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		120 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2520104
Chloride	316	20.0	1	05/15/25	05/15/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH03-1'

		E505142-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
o,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		104 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2520104
Chloride	50.6	20.0	1	05/15/25	05/15/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH03-2'

		E505142-07				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		99.1 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2520104
Chloride	39.6	20.0	1	05/15/25	05/15/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH04-0'

### E505142-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		101 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2520104
Chloride	ND	20.0	1	05/15/25	05/15/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH04-1'

E505142-09							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2520040	
Benzene	ND	0.0250	1	05/13/25	05/15/25		
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25		
Toluene	ND	0.0250	1	05/13/25	05/15/25		
o-Xylene	ND	0.0250	1	05/13/25	05/15/25		
o,m-Xylene	ND	0.0500	1	05/13/25	05/15/25		
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25		
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	05/13/25	05/15/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2520040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/13/25	05/15/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: HM		Batch: 2520058	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25		
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/15/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2520104	
Chloride	ND	20.0	1	05/15/25	05/15/25		



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH05-0'

E505142-10							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2520040	
Benzene	ND	0.0250	1	05/13/25	05/16/25		
Ethylbenzene	ND	0.0250	1	05/13/25	05/16/25		
Toluene	ND	0.0250	1	05/13/25	05/16/25		
o-Xylene	ND	0.0250	1	05/13/25	05/16/25		
p,m-Xylene	ND	0.0500	1	05/13/25	05/16/25		
Total Xylenes	ND	0.0250	1	05/13/25	05/16/25		
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	05/13/25	05/16/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2520040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/16/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	05/13/25	05/16/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: HM		Batch: 2520058	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25		
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/15/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2520104	
Chloride	132	20.0	1	05/15/25	05/15/25		



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

## BH05-1'

E50514	12-	1	1
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2520040
Benzene	ND	0.0250	1	05/13/25	05/16/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/16/25	
Toluene	ND	0.0250	1	05/13/25	05/16/25	
o-Xylene	ND	0.0250	1	05/13/25	05/16/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/16/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/16/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	05/13/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2520040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	05/13/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2520058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2520104
	43.0	20.0		05/15/25	05/15/25	



Dagger State SWD Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/19/2025 12:01:18PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2520040-BLK1) Prepared: 05/13/25 Analyzed: 05/15/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.92 8.00 99.0 70-130 LCS (2520040-BS1) Prepared: 05/13/25 Analyzed: 05/15/25 5.09 102 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.06 0.0250 5.00 101 70-130 5.06 0.0250 5.00 101 70-130 Toluene o-Xylene 5.01 0.0250 5.00 100 70-130 10.2 10.0 102 70-130 0.0500 p.m-Xvlene 102 70-130 15.3 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.19 Matrix Spike (2520040-MS1) Source: E505141-25 Prepared: 05/13/25 Analyzed: 05/15/25 5.09 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 5.06 0.0250 5.00 101 Toluene 5.06 0.0250 5.00 ND 101 70-130 5.04 ND 101 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.3 0.0500 10.0 ND 103 70-130 15.3 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.26 8.00 Matrix Spike Dup (2520040-MSD1) Source: E505141-25 Prepared: 05/13/25 Analyzed: 05/15/25

5.13

5.12

5.12

5.09

10.4

15.5

8.14

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

102

102

102

104

103

102

70-130

70-130

70-130

70-130

70-130

70-130

70-130

0.857

1.13

1.08

0.971

1.17

1.10

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC. Dagger State SWD Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 5/19/2025 12:01:18PM Dallas TX, 75240 Project Manager: Ashley Giovengo

Nonhalogenated	Organics by	<b>EPA</b>	.8015D -	GRO

Analyst: SL

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

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520040-BLK1)							Prepared: 0	5/13/25 A	Analyzed: 05/15/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			
LCS (2520040-BS2)							Prepared: 0	5/13/25 A	Analyzed: 05/15/25
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.80		8.00		110	70-130			
Matrix Spike (2520040-MS2)				Source:	E505141-	25	Prepared: 0	5/13/25 A	Analyzed: 05/15/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			
Matrix Spike Dup (2520040-MSD2)				Source:	E505141-	25	Prepared: 0	5/13/25 A	Analyzed: 05/15/25
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	9.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		107	70-130			



Matador Resources, LLC.Project Name:Dagger State SWDReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/19/2025 12:01:18PM

	Nonhalogenated Organics by EPA 8015D - DRO/ORO						Analyst: HM			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2520058-BLK1)							Prepared: 05/13/25 Analyzed: 05/13/25			
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	48.9		50.0		97.8	61-141				
LCS (2520058-BS1)							Prepared: 05/13/25 Analyzed: 05/13/25			
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144				
Surrogate: n-Nonane	48.4		50.0		96.7	61-141				
Matrix Spike (2520058-MS1)				Source: E505145-01			Prepared: 05/13/25 Analyzed: 05/13/25			
Diesel Range Organics (C10-C28)	342	25.0	250	63.7	111	56-156				
Surrogate: n-Nonane	50.7		50.0		101	61-141				
Matrix Spike Dup (2520058-MSD1)				Source: E505145-01			Prepared: 05/13/25 Analyzed: 05/13/25			
Diesel Range Organics (C10-C28)	317	25.0	250	63.7	101	56-156	7.59	20		
Surrogate: n-Nonane	49.6		50.0		99.2	61-141				

## **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Dagger State SWD 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/19/2025 12:01:18PM

		Anions	by EPA 3	00.0/9056	4				Analyst: IY			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2520104-BLK1)							Prepared: 0:	5/15/25 An	alyzed: 05/15/25			
Chloride	ND	20.0										
LCS (2520104-BS1)							Prepared: 0:	5/15/25 An	alyzed: 05/15/25			
Chloride	256	20.0	250		102	90-110						
Matrix Spike (2520104-MS1)				Source:	E505142-	04	Prepared: 0:	5/15/25 An	alyzed: 05/15/25			
Chloride	272	20.0	250	ND	109	80-120						
Matrix Spike Dup (2520104-MSD1)				Source:	E505142-	04	Prepared: 0	5/15/25 An	alyzed: 05/15/25			
Chloride	272	20.0	250	ND	109	80-120	0.0661	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:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/19/25 12:01

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 8/4/2025 9:18:57 AM

	Clier	nt Inform	ation	- V	In	voice Information				La	b Us	e On	ily				TA	T		Sta	te
	Matador Prod				Company: Er			La	b WO	#		Job I	Num	ber	-0	1D	2D	3D S	td NM	CO U	ΓTX
	lame: <u>\`` &amp;\\                               </u>			3		Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220			505142 23003.000					02			x	x			
	3122 Nation					Phone: 575-988-0055			Analysis and Mo					Meti	hod	_		T FI	PA Progr	ram	
	e, Zip: Carlsl					vengo@ensolum.co	n						75.5						SDWA	CWA	R
	575-988-0055				Miscellaneous	:															70 -
Email: a	giovengo@er	nsolum.c	om						by 8015	2015								- 1	Complian PWSID #	ce Y	or
				Sample II	nformation				- A	by 8	3021	260	300.0	×	letals		Σ	×			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
1127	Signas	5	1		BHOI	-0'		1									+		1.6		
1131			1		BH O1	- 11		2			15						4		1.0		
1246					BHOZ	1-0'		3									*		0.8		
1253				-	BHOS			4									7		2.1		
1424						3-01		5									+		2.0		
1514					10	13 -11		10									X		1.8		
1518					10	13-21		7									1	- [	1.4		
1443					BH	04-01		8									4		1.1		
1547					BH	04-11		9									4		1.0		
1356		1	U		BHI	05-0'		10									4		1.4		
<b>jhinkle@</b> I, (field sam) Sampled by:	Densolum.com pler), attest to the	n, akone validity and	@ensolu	ım.com, jgonz	ales@ensolum.com	o@ensolum.com, ie n, rrai@ensolum.com thor intentionally mislabeli	n, oade	rinto@ ple locati	enso ion, date	lum.e or tim	om				100						
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	Clie	nt Inform	nation		In	voice Information					Lab U	se O	nly				TA	T		State	
	Matador Prod				Company: E	nsolum LLC		La	ab V	vo# 55\c		Job	Num	ber		1D	2D	3D St	d NM	CO UT	T
	Name: OAG			1.()		2 National Parks Hv		E	d	2510	2	63	5003	·@	20	10		x	x		
	Manager: As					o: Carlsbad NM, 88	220	-	-										1	A Day	
	: 3122 Natio te, Zip: Carls				Phone: 575	vengo@ensolum.co		-	+			Ana	alysis	and	iviet	noa		-	SDWA	CWA	R
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										by 8015	-		0.	×	als				PWSID#		
				Sample Info	rmation					30 b	802	8260	300	J- 50	Met		Σ	×	9 d		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	er	DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC-TX	Samle Temp	Rem	arks
1401	Stands	5	1		BHOS-	-1'		11									F		2.0		
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						n, rrai@ensolum.co th or intentionally mislabeli							on le -	noid-	ul f	d see	ma: L	man - d	for land sette		_
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Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Sight	ture	Borns A	rle	Da Da	te	1. 2.	<	Time	8	15			Samples re		
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	ned by: (Signatu				Time	Received by: (Signa	100			Da				Time						ved on ice	::
				Date																	

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Inc.

Printed: 5/13/2025 9:35:37AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	05/13/25	08:00		Work Order ID:	E505142
Phone:	(972) 371-5200	Date Logged In:	05/12/25	16:54		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	05/19/25	17:00 (4 day TA	Γ)		
	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier	: Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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 th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling						
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.			
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?	_	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contai	ners collected?	Yes				
Field Lat	<del></del>						
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	eate/Time Collected?		Yes				
	ollectors name?		Yes				
Sample F	Preservation_		100				
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
	act Laboratory						
	amples required to get sent to a subcontract laborate	aru?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract L	ob: NA		
		1 30 WIIO:	1421	Subcontract	au. NA		
Client Ir	<u>istruction</u>						

Date

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

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: Dagger State SWD

Work Order: E506080

Job Number: 23003-0002

Received: 6/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 6/19/25

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

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

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

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

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

Date Reported: 6/19/25

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

Project Name: Dagger State SWD

Workorder: E506080

Date Received: 6/12/2025 7:00:00AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Dagger State SWD 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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## Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State SWD	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/19/25 10:45

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS04A - 0'	E506080-01A Soil	06/09/25	06/12/25	Glass Jar, 2 oz.
SS04A - 1'	E506080-02A Soil	06/09/25	06/12/25	Glass Jar, 2 oz.
FS01 - 0.5'	E506080-03A Soil	06/09/25	06/12/25	Glass Jar, 2 oz.
FS02 - 0.5'	E506080-04A Soil	06/09/25	06/12/25	Glass Jar, 2 oz.
FS03 - 0.5'	E506080-05A Soil	06/09/25	06/12/25	Glass Jar, 2 oz.
FS04 - 0.5'	E506080-06A Soil	06/09/25	06/12/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 10:45:24AM

#### SS04A - 0' E506080-01

		E506080-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: SL		Batch: 2524086
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	0.0508	0.0250	1	06/12/25	06/13/25	
oluene	ND	0.0250	1	06/12/25	06/13/25	
-Xylene	ND	0.0250	1	06/12/25	06/13/25	
,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
urrogate: 4-Bromochlorobenzene-PID		82.3 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2524086
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	06/12/25	06/13/25	
Jonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2524101
Diesel Range Organics (C10-C28)	87.2	25.0	1	06/12/25	06/16/25	
Dil Range Organics (C28-C36)	138	50.0	1	06/12/25	06/16/25	
urrogate: n-Nonane		124 %	61-141	06/12/25	06/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2524085
Chloride	ND	20.0	1	06/12/25	06/13/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 10:45:24AM

## SS04A - 1'

		E506080-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524086
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		83.9 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524086
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2524101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/13/25	
Surrogate: n-Nonane		119 %	61-141	06/12/25	06/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524085
Chloride	ND	20.0	1	06/12/25	06/13/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 10:45:24AM

## FS01 - 0.5'

		E506080-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524086
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524086
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2524101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/13/25	
Surrogate: n-Nonane		115 %	61-141	06/12/25	06/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524085
Chloride	491	20.0	1	06/12/25	06/13/25	·



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 10:45:24AM

### FS02 - 0.5'

		E506080-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524086
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524086
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2524101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/13/25	
Surrogate: n-Nonane		115 %	61-141	06/12/25	06/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524085
Chloride	1050	20.0	1	06/12/25	06/13/25	



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 10:45:24AM

### FS03 - 0.5'

		E506080-05				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2524086
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2524086
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2524101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/25	06/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/25	06/13/25	
Surrogate: n-Nonane		115 %	61-141	06/12/25	06/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524085
Chloride	477	20.0	1	06/12/25	06/13/25	·



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 10:45:24AM

### FS04 - 0.5'

		E506080-06				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524086
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2524086
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/12/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2524101
Diesel Range Organics (C10-C28)	82.8	25.0	1	06/12/25	06/13/25	
Oil Range Organics (C28-C36)	69.4	50.0	1	06/12/25	06/13/25	
Surrogate: n-Nonane		112 %	61-141	06/12/25	06/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524085
Chloride	1020	20.0	1	06/12/25	06/13/25	



## **QC Summary Data**

Dagger State SWD Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 6/19/2025 10:45:24AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2524086-BLK1) Prepared: 06/12/25 Analyzed: 06/13/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.79 8.00 84.9 70-130 LCS (2524086-BS1) Prepared: 06/12/25 Analyzed: 06/13/25 4.74 94.7 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.64 0.0250 5.00 92.7 70-130 4.71 0.0250 5.00 94.1 70-130 Toluene o-Xylene 4.56 0.0250 5.00 91.1 70-130 9.38 10.0 93.8 70-130 0.0500 p.m-Xvlene 92.9 13.9 15.0 70-130 Total Xylenes 0.0250 8.00 84.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.77 Source: E506076-05 Matrix Spike (2524086-MS1) Prepared: 06/12/25 Analyzed: 06/13/25 4.56 0.0250 5.00 ND 91.3 70-130 Benzene ND 70-130 Ethylbenzene 4.41 0.0250 5.00 88.3 Toluene 4.51 0.0250 5.00 ND 90.1 70-130 4.31 ND 86.2 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.92 0.0500 10.0 ND 89.2 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.70 8.00 Matrix Spike Dup (2524086-MSD1) Source: E506076-05 Prepared: 06/12/25 Analyzed: 06/13/25

5.53

5.42

5 49

5.31

10.9

16.3

6.65

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

111

108

110

106

109

108

83.2

70-130

70-130

70-130

70-130

70-130

70-130

70-130

19.1

20.5

19.8

20.9

20.3

20.5

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Matador Resources, LLC.Project Name:Dagger State SWDReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/19/2025 10:45:24AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			6/1	9/2025 10:45:24AN
	Non	halogenated		Analyst: SL					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524086-BLK1)							Prepared: 0	6/12/25 Anal	yzed: 06/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			
LCS (2524086-BS2)							Prepared: 0	6/12/25 Anal	yzed: 06/13/25
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
Matrix Spike (2524086-MS2)				Source:	E506076-	05	Prepared: 0	6/12/25 Anal	yzed: 06/13/25
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2524086-MSD2)				Source:	E506076-	05	Prepared: 0	6/12/25 Anal	yzed: 06/13/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130	0.145	20	

8.00

7.57

94.7

70-130



## **QC Summary Data**

Matador Resources, LLC.Project Name:Dagger State SWDReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/19/2025 10:45:24AM

Bullus 171, 732 10		Troject Manage		mey Groveng	-				
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO		Analyst: NV	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524101-BLK1)							Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.1		50.0		120	61-141			
LCS (2524101-BS1)							Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	281	25.0	250		112	66-144			
Surrogate: n-Nonane	55.8		50.0		112	61-141			
Matrix Spike (2524101-MS1)				Source:	E506080-	04	Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	294	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	58.4		50.0		117	61-141			
Matrix Spike Dup (2524101-MSD1)				Source:	E506080-	04	Prepared: 0	6/12/25 Anal	yzed: 06/12/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156	1.51	20	
Surrogate: n-Nonane	59.6		50.0		119	61-141			

Matrix Spike (2524085-MS1)

Matrix Spike Dup (2524085-MSD1)

Chloride

Chloride

621

590

Prepared: 06/12/25 Analyzed: 06/12/25

Prepared: 06/12/25 Analyzed: 06/12/25

20

## **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	23	agger State SV 3003-0002 shley Giovens				,	Reported:
Dallas TX, 75240		Project Manager:  Anions		/19/2025 10:45:24AM  Analyst: DT					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2524085-BLK1)							Prepared: 0	6/12/25 An	nalyzed: 06/12/25
Chloride	ND	20.0							
LCS (2524085-BS1)							Prepared: 0	6/12/25 An	alyzed: 06/12/25
Chloride	254	20.0	250		102	90-110			

250

250

20.0

20.0

Source: E506076-03

Source: E506076-03

104

91.6

80-120

80-120

5.15

361

361

#### 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:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/19/25 10:45

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.



to Imaging: 8/4/2025 9:18:57 AM

envirotech
Analytical Laboratory

	Clie	nt Inform	nation		Invo	ice Information					ab U	se U	ııy			TAT   State     1D   2D   3D   Std   NM   CO   UT   TX								
Client: N	Natador Proc	luction C	ompany		Company: Enso	olum LLC		La	ab WO	#	7.85	Job	Num	ber		1D	2D	3D	Std	I I	M	co u	T TX	
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Project N	/lanager: As	hley Giov	engo		City, State, Zip:	Carlsbad NM, 8822	0																	
Address:	3122 Natio	nal Parks	Hwy		Phone: 575-98	88-0055						Ana	lysis	and	Met	hod	$\leq$				EP	A Prog	ram	
City, Sta	e, Zip: Carls	bad NM,	88220		Email: agiove	ngo@ensolum.com			10		1							-		SDW	Α	CWA	RO	CRA
Phone:	575-988-005	5			Miscellaneous:																			
Email: a	giovengo@e	nsolum.c	om						12	15										Comp	lianc	e Y	or	N
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				Sample Info	rmation				30 b	lo b	805	8260	a 300	1-50	Met		ž	*		0 0	2			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle	2	Re	emarks	6
14:00	6/9/2025	Soil	1		SS04 - 0'			1									х			1.	7			
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15:12	6/9/2025	Soil	1		FS02 - 0.5'			4									х			1.	7			
15:42	6/9/2025	Soil	1		FS03 - 0.5'			5									х			2.0	0			
15:16	6/9/2025	Soil	1		FS04 - 0.5'			6									x			2.0	1			
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Company of the	pler), attest to th		dauthenticity	of this sample. I am av	vare that tampering with	or intentionally mislabeling	the sa	mple loca	ation, dat	e or ti	me of c	ollectio	n is co	nsider	ed frau	d and	may b	e grou	nds for	legal ac	tion.			
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Page 94 of 139

envirotech Inc.

Printed: 6/12/2025 10:00:37AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/12/25	07:00	Work Order ID:	E506080
Phone:	(972) 371-5200	Date Logged In:	06/11/25	13:50	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	06/17/25	17:00 (3 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	atch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	s/Resolution
Sample T	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?					
			NA			
	the sample received on ice?  Note: Thermal preservation is not required, if samples a 15 minutes of sampling OC for individual sample temps. Samples outside of		Yes			
	1 1 1	of 0 C-0 C will be	recorded	in comments.		
	Container VOC 1 49		3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	2	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal	<del></del>					
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	Pate/Time Collected?		Yes			
	collectors name?		No			
Sample I	Preservation_		110			
_	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	netals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
•		., 200.	14/1			
	act Laboratory	0	NT.			
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	-	No NA	Subcontract Lab: NA		
	nstruction_					
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Date

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

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samples is	applicable onl	y to those	samples reci	eived by the laborator	y with this COC. The lia	bility of the laboratory	is limi	ted to the	amour	nt paid	d for o	n the	report									3

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: Dagger State SWD

Work Order: E506179

Job Number: 23003-0002

Received: 6/23/2025

Revision: 0

Report Reviewed By:

Draft
Walter Hinchman
Laboratory Director
6/23/25

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

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

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

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

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

Date Reported: 6/23/25

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

Project Name: Dagger State SWD

Workorder: E506179

Date Received: 6/23/2025 6:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2025 6:45:00AM, under the Project Name: Dagger State SWD.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

**Laboratory Administrator** Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS04C-0'	5
Definitions and Notes	6
Chain of Custody etc.	7

## **Sample Summary**

_			<u> </u>	
Γ	Matador Resources, LLC.	Project Name:	Dagger State SWD	Reported:
ı	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Keporteu.
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/23/25 14:29

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
SS04C-0'	E506179-01A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/23/2025 2:29:10PM

## SS04C-0' E506179-01

		E300177-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525110
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	06/20/25	06/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525110
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/20/25	06/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2526002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		103 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2526003
Chloride	ND	20.0	1	06/23/25	06/23/25	

## **Definitions and Notes**

l	Matador Resources, LLC.	Project Name:	Dagger State SWD	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/23/25 14:29

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.

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Sample Ma	trix: S - Soil, Sd - S	Solid, Sg - Slu	idge, A - Aque	eous, O - Other	r			Con	tainer Ty	pe	: g - [	glass	, p - p	oly/p	lastic	, ag -	amb	er gla	ass, v	- VO	A					-
Note: Sam	ples are discar	ded 14 days	s after resul	ts are report	ed unless	other arrangements are	e made. Hazardous sai	mples v	will be ret	urn	ed to	clien	t or di	spose	d of a	t the	client	exper	nse. T	he rep	ort fo	r the a	analys	s of the al	ove	-
an an at the Re	analieable only	y to those s	amples rece	eived by the	laboratory	with this COC The liab	ility of the laboratory	is limit	ed to the	am	ount	paid!	for on	the re	port.											

Imaging: 8/4/2025 9:18:57 AM

**Chain of Custody** envirotech Analytical Laboratory **Invoice Information** Client Information Client: Matador Production Company Company: Ensolum LLC Project Name: Dagger State SWD Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Project Manager: Ashley Giovengo Phone: 575-988-0055 Analysis and Method Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Email: agiovengo@ensolum.com

Lab Use Only			T	AT		State								
	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
179	63003.000/				X	x								

**EPA Program** 

CWA

**RCRA** 

SDWA

	575-988-005 giovengo@e		com		Miscellaneous:			8015	8015			0	725	s				Complianc	e Y or N
Sample				Sample Inform	Information			to by	to by	8021	8260	300.	XT - 20	Meta	- 1	N.	<b>¥</b>		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Remarks
15:23	6/19/2025	Soil	1		SS0418-0'		1									x		4.4	
								H											
																		1/2	
												. 1							
															+				
Addition	nal Instructio	ns: Ple	ase CC: cbi	urton@ensolum.c	om, agiovengo@ensolun	n.com, iestrella	ensolui	m.co	m, ch	nami	lton@	Dens	olur	n.com	, br	noir@	enso	lum.com,	

jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com , (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: Jema + 1/1/16 Relinquished by: (Signature) Received by: (Signature) Samples requiring thermal Jama Tin Inle preservation must be received on ice the day they are sampled or Relinquished by: (Signature) Received by: (Signature) received packed on ice at a temp above 0 but less than 6°C on Received by: (Signature) Relinquished by: (Signature) subsequent days. Lab Use Only Relinquished by: (Signature) Received on ice: Received by: (Signature) Date (Y) N Relinquished by: (Signature) Time

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

envirotech Inc.

Printed: 6/23/2025 11:50:20AM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

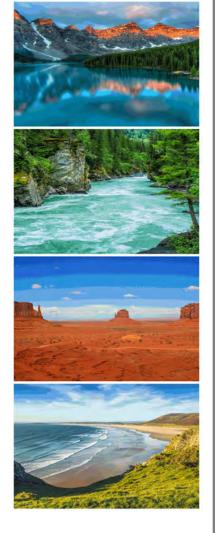
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	06/23/25	06:45	Work Order ID:	E506179			
Phone:	(972) 371-5200	Date Logged In:	06/20/25	13:18	Logged In By:	Caitlin Mars			
Email:	agiovengo@ensolum.com	Due Date:	06/23/25	17:00 (0 day TAT)					
Chain of	Chain of Custody (COC)								
	he sample ID match the COC?		Yes						
	he number of samples per sampling site location ma	atch the COC	Yes						
	amples dropped off by client or carrier?		Yes	Carrier: Courier					
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes						
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disuess	•	Yes		Comment	ts/Resolution			
Sample '	Turn Around Time (TAT)								
	e COC indicate standard TAT, or Expedited TAT?		Yes						
Sample (									
	sample cooler received?		Yes						
8. If yes,	was cooler received in good condition?		Yes						
9. Was th	e sample(s) received intact, i.e., not broken?		Yes						
	custody/security seals present?		No						
	, were custody/security seals intact?		NA NA						
<del>-</del>	ne sample received on ice?								
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes	in comments					
	COC for individual sample temps. Samples outside	or o C-o C will be	recorded	in comments.					
	Container NOC 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3.7						
	queous VOC samples present?		No						
	/OC samples collected in VOA Vials?		NA NA						
	head space less than 6-8 mm (pea sized or less)?		NA						
	a trip blank (TB) included for VOC analyses?	0	NA						
	on-VOC samples collected in the correct container		Yes						
	appropriate volume/weight or number of sample conta	iners collected?	Yes						
Field La	<del></del>	P							
	field sample labels filled out with the minimum intample ID?	formation:	Yes						
	Date/Time Collected?		Yes						
	Collectors name?		Yes						
Sample 1	Preservation_								
21. Does	the COC or field labels indicate the samples were p	oreserved?	No						
22. Are s	ample(s) correctly preserved?		NA						
24. Is lab	filtration required and/or requested for dissolved n	netals?	No						
Multiph	ase Sample Matrix								
	the sample have more than one phase, i.e., multiph	ase?	No						
	, does the COC specify which phase(s) is to be ana		NA						
	ract Laboratory								
	amples required to get sent to a subcontract laborat	oru?	No						
	a subcontract laboratory specified by the client and	-	NA	Subcontract Lab: NA					
		11 30 WHO:	1421	Subcontract Lab. NA					
Client I	<u>nstruction</u>								

Date

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

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: Dagger State SWD

Work Order: E506210

Job Number: 23003-0002

Received: 6/24/2025

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 6/24/25

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

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

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

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

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

Date Reported: 6/24/25

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

Project Name: Dagger State SWD

Workorder: E506210

Date Received: 6/24/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/24/2025 7:00:00AM, under the Project Name: Dagger State SWD.

The analytical test results summarized in this report with the Project Name: Dagger State SWD 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**

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Sample Summary	4
Sample Data	5
SS04B-0'	5
Definitions and Notes	6
Chain of Custody etc.	7

## **Sample Summary**

_				
ı	Matador Resources, LLC.	Project Name: Dagger State SWD		Reported:
ı	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported.
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/24/25 12:07

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS04B-0'	E506210-01A Soil	06/20/25	06/24/25	Glass Jar, 2 oz.



### **Sample Data**

Matador Resources, LLC.	Project Name:	Dagger State SWD	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/24/2025 12:07:42PM

### SS04B-0' E506210-01

		E500210-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/24/25	
Toluene	ND	0.0250	1	06/24/25	06/24/25	
o-Xylene	ND	0.0250	1	06/24/25	06/24/25	
o,m-Xylene	ND	0.0500	1	06/24/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		79.7 %	70-130	06/24/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	06/24/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2526049
Diesel Range Organics (C10-C28)	27.5	25.0	1	06/24/25	06/24/25	
Oil Range Organics (C28-C36)	55.3	50.0	1	06/24/25	06/24/25	
Surrogate: n-Nonane		93.0 %	61-141	06/24/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2526043
Chloride	23.7	20.0	1	06/24/25	06/24/25	

### **Definitions and Notes**

l	Matador Resources, LLC.	Project Name:	Dagger State SWD	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/24/25 12:07

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.





			nation		Invo	ice Information					Lab	Use	e Onl	V				T	AT.		100		Stat	e
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	lanager: Asl				City, State, Zip:		220		_											-				
	3122 Nation				Phone: 575-98		4.0	-	+		-		Anal	ysis	and	Metr	nod	-		-	CDIA		Progr	RCRA
	e, Zip: Carls 75-988-005		88220		Email: agioven	igo@ensolum.co	m	-4												-	SDW	A	CWA	KCKA
	giovengo@e		om		Miscellaneous:					015	015									_	Compl		Y	or N
				Sample In	formation				-	by 8	by 8	021	097	0.00	×	etals		Σ	_	1	PWSI	_		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample III	Sample ID		Field	Lab Numb	or	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle	100	Ren	marks
	6/2/125	Seil	1		SCALID	~ ^1	ш и	l	er	۵	G	80	>	0	7	æ		X	BC		3.			
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Addition	al Instruction	nc: Dle	ase CC: cl	urton@ensolu	ım.com, agiovengo@	ensolum com i	estrolla	@enso	dur	COL	n ch	amil	ton@	ens	olum	2 COM	n br	noir	@ens	olum	com	4		-
hinkle@	ensolum.co	m, akone	e@ensolu	ım.com, jgonza	les@ensolum.com, ji	mccauley@enso	lum.co	m, gsai	nch	ez@	ensol	um.	com											
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	ed by (Signatur		0	0/23/201 Date	7- 00 Time	Received by: (Sign	ature)	rys	_		Data	25	30		Time	70	0							eceived on impled or
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Sample Mat	rix: <b>S</b> - Soil, <b>Sd</b> - S	olid, Sg - Slu	dge, A - Aque	ous, O - Other		-	Con	tainer T	Гуре	: g -	glass,	<b>p</b> - p	oly/pl	astic	, ag -	amb	er gla	ass, v	- VOA					

envirotech Inc.

Printed: 6/24/2025 9:27:32AM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Brome: (972)371-5200   Due Langege ht: 0 862/325 15-85   Lagged ht Dy: Cartin Man-  Email: a pistoryoriginatulus.com.   Due Date: 0 862/325 17-80 (0 day TAT)    Chain of Clustody (COC)  1. Does the number of Samples per surpring site location match the COC   Yes   2. Was the COC complete, i.e., signatures, distensive, requested analyses.	Client:	Matador Resources, LLC.	Date Received:	06/24/25	07:00		Work Order ID:	E506210
Chain of Custody (COC)  1. Does the nample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Does the number of samples per sampling site location match the COC 4. We she could complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding sime? 5. Were all samples received within holding sime? 6. Were all samples received within holding sime? 7. We she COC complete, i.e., signatures, dates/times, requested analyses? 7. We as a sample cocier received in this dissession.  Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. We as a sample cooler received? 7. We as a sample cooler received in good condition? 7. We as a sample cooler received in good condition? 7. We as the sample(s) received intact, i.e., not broken? 7. We as the sample received on itse? 7. We as the sample temps. Samples outside of 0°C-6°C will be recorded in comments.  Sample Container 7. We as a trip bank (Th) included for VOC analyses? 7. We as the bank (Th) included for VOC analyses? 7. We as the bank (Th) included for VOC analyses? 7. We as the bank (Th) included for VOC analyses? 7. We are the sample habels filled out with the minimum information: 7. We as a trip bank (Th) included for VOC analyses? 8. Are sonne-VOC samples collected in the correct containers? 8. Were field Label 7. Were field sample labels filled out with the minimum information: 8. Sample (The Sample shapes) are the sample swere preserved? 8. Are sonne-VOC samples collected in the correct containers? 8. Are sonne-VOC samples collected of dissolved metals? 8. Are sonne-VOC samples collected by the client and if so who?	Phone:	(972) 371-5200	Date Logged In:	06/23/25	15:45		Logged In By:	Caitlin Mars
Does the sample ID match the COC?   Yes	Email:	agiovengo@ensolum.com	Due Date:	06/24/25	17:00 (0 d	ay TAT)		
Does the sample ID match the COC?   Yes								
2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 6. Note Analysis, such as plij which should be conduced in the field, i.e., 15 minute hold time, are not included in this discussion.  **Tomble Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Did the COC indicate standard TAT, or Expedited TAT? 8. If yes, was cooler received? 8. If yes, was cooler received? 8. If yes, was cooler received? 9. Was the sample cooler received? 10. Were custedly/security seals present? 10. Were custedly/security seals present? 10. Were fleating of the present of the complete of the present of the pre								
3. Were samples dropped off by client or carrier?         Yes         Carrier: Courier           4. Was the COC complete, i.e., signatures, dates/times, requested analyse?         Yes           5. Were all samples received within holding time?         The contract of the contract of the contract of the discussion.           6. Did the COC fundace standard TAT, or Expedited TAT?         Yes           6. Did the COC fundace at standard TAT, or Expedited TAT?         Yes           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?         Na           1. If yes, were custody/security seals intact?         Yes           12. Was the sample received on ice?         Yes           No: 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 received in comments.         Yes           Sample Container         No           14. Are aqueous VOC samples present?         No           15. Are VOG samples collected in VOA Vials?         NA           16. Is the head space less than 6-8 mm (pea sized or less)?         Yes           19. Is the papeopriate volume/weight or number of sample com		<u>=</u>	. 1 . 1	Yes				
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?  5. Were all samples received within holding time?  Note: Analysis, such as pit which shoulds be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.  Sample Turn Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received?  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample) specied intact, i.e., not broken?  10. Were custody/security seals present?  10. Were custody/security seals intact?  11. If yes, were custody/security seals intact?  12. Was the sample received on feed.  13. See COC for individual sample are received within 15 minutes of sampling  13. See COC for individual sample temps, Samples outside of 0°C-6°C will be recorded in comments.  Sample Container  14. Are aqueous VOC samples sollected in VOA Vials?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was at the shank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Use the sample labels filled out with the minimum information:  8 sample ID?  20. Ever field sample labels filled out with the minimum information:  8 sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  22. Are samplely correctly preserved?  23. La samplely correctly preserved?  24. Is a fill interest than or sample containers?  25. Does the COC or field labels indicate the samples were preserved?  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract Laboratory specified by the client and if so who?  10. Was a subcontract Laboratory specified by the client and if so who?  11. If yes, does the COC			tch the COC					
5. Wern all samples received within holding time?  **Ramble Turn Arcund Time (TAT)*  **Ramble Turn Arcund Time (TAT)*  **Ramble Cooler*  **Comments Against and any any state of the field, i.e., 15 minute hold time, are not included in this disacssion.**  **Ramble Cooler*  **Comments Cooler*  **News a sample cooler received?*  **P. Was a sample (or) cerceived in good condition?*  **P. Was a sample (or) cerceived in good condition?*  **P. Was a sample (or) cerceived intact, i.e., not broken?*  **P. Was a sample cooler received in good condition?*  **P. Was a sample cooler received in good condition?*  **P. Was a sample cooler received in good condition?*  **P. Was a sample cooler received in good condition?*  **P. Was a trap since with a sample cooler of the sample cooler of the sample and received within 15 minutes of sampling and sample temps. Samples and received within 15 minutes of sampling and sample temps. Samples outside of 0°C-6°C will be received within 15 minutes of sampling and sample temps. Samples outside of 0°C-6°C will be received within 15 minutes of samples and sample temps. Samples outside of 0°C-6°C will be received within 15 minutes of samples good on least part of individual sample temps. Samples outside of 0°C-6°C will be received within 15 minutes of samples collected in VOA Vials?  **P. Ara equeous VOC samples pesent?*  **P. Ara equeous VOC samples collected in the correct containers?*  **P. Ara equeous VOC samples collected in the correct containers?*  **P. Ara equeous VOC samples collected in the correct containers?*  **P. Sample P. R. Ara non-VOC samples collected in the correct containers?*  **P. Sample P. R. Ara non-VOC samples collected in the correct containers?*  **P. Sample P. R. Ara sample based filled out with the minimum information:  **Sample P. R. Sample P. R. Ara samples were preserved?*  **P. Sample P. R. Sample P. R. Ara samples were preserved?*  **P. Sample P. R. Sample P. R. Ara samples power than one phase, i.e., multiphase?*  **P. Sample P. R. Sample have more than on					C	arrier: Courier		
Note: Analysis, such as pH which should be conducted in the field;   In simule hold time, and on included in this discussion.		- · · · · · · · · · · · · · · · · · · ·	sted analyses?					
6. Did the COC indicate stundard TAT, or Expedited TAT?  Sample Cooler  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample(s) received intact, i.e., not broken?  9. Was the sample(s) received intact, i.e., not broken?  10. Were custody/security seals intact?  11. If yes, were custody/security seals intact?  12. Was the sample received on ice?  12. Was the sample received on ice?  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?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples sollected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Supple ID?  10. Supple ID?  10. Supple ID?  10. Supple ID?  11. Sample ID?  12. Sample ID?  12. Sample ID?  13. Supple ID?  14. Are appropriate volume/weight or number of sample containers collected?  15. Yes  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  10. Were field sample labels filled out with the minimum information:  10. Sample ID?  11. Supple ID?  12. Supple ID?  13. Supple ID?  14. Are sample(s) correctly preserved?  15. Are VOC or field labels indicate the samples were preserved?  16. Is the head of the collected?  17. Yes, does the collected?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a	5. Were a	Note: Analysis, such as pH which should be conducted i		Yes			<u>Commen</u>	ts/Resolution
Sample Cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sanople received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ise? 13. Note: Thermal proservation is not required, if samples are received within a limitures of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.  Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Sample ID? 20. Were field sample labels filled out with the minimum information: 21. Sample ID? 22. Are sample(s) correctly preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? 25. Are samples were than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory. 29. Was a subcontract Laboratory specified by the client and if so who? 20. Was a subcontract Laboratory specified by the client and if so who?	Sample 7	<u> Furn Around Time (TAT)</u>						
7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received in good condition? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on itse? 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? 15. Are VOC samples collected in VOA Vials? 16. Is the head space least than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collecte? 10. Were field sample labels filled out with the minimum information:  Sample Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is a sample sample have more than one phase, i.e., multiphase? 14. Is a bif Intrain required and/or requested for dissolved metals? 15. Are sample Matrix 16. One of the COC specify which phase(s) is to be analyzed? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 19. Was a subcontract Laboratory specified by the client and if so who? 10. Ves	6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? 13. Such sample received on ice? 14. Was the sample received on ice? 15. Arcs COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.  8. Sample Container 15. Arc VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the ead space less than 6-8 mm (pea sized or less)? 19. Is the pappropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information:  Sample ID? 10. Were field sample labels filled out with the minimum information: 21. Arc sample(s) correctly preserved? 22. Arc sample(s) correctly preserved? 23. Arc sample(s) correctly preserved? 24. Is also fillation required and/or requested for dissolved metals? 25. Arc sample Matrix 26. Does the Sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Arc samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 30. Were filed boratory specified by the client and if so who? 31. If yes, does the COC specify which phase(s) is to be analyzed? 32. Arc samples required to get sent to a subcontract laboratory? 33. Arc samples required to get sent to a subcontract laboratory? 34. Subcontract Lab: NA	Sample (	<u>Cooler</u>						
9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling preservation is not required, if samples are received within 15 minutes of sampling preservation is not required, if samples are received within 15 minutes of sampling preservation is not required, if samples are received within 15 minutes of sampling preservation is not required, if samples are received within 15 minutes of sampling preservation is not required, if samples are received within 15 minutes of 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? No. 16. Is the head space less than 6-8 mm (pea sized or less)? No. 17. Was a trip blank (TB) included for VOC analyses? No. 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 19. Output field sample labels filled out with the minimum information: Sample 10? Sample 10? Sample 10? Yes 20. Are sample so correctly preserved? No. 21. Does the COC or field labels indicate the samples were preserved? No. 22. Are sample(s) correctly preserved? No. 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? No. 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? No. 29. Was a subcontract Laboratory specified by the client and if so who? No. 20. Was a subcontract Laboratory specified by the client and if so who? No. 20. Was a subcontract Laboratory specified by the client and if so who?	7. Was a	sample cooler received?		Yes				
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11. If yes, were custody/security seals intact??  12. Was the sample received on ice? Note: Themal preservation is not required, if samples are received within 15 minutes of sampling  13. Sec 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?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name?  21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Are sample(s) correctly preserved?  24. Is lab filtration required and/or requested for dissolved metals?  No  Multiphase Sample Matrix  25. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  28. Are samples required to get sent to a subcontract laboratory?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract Laboratory specified by the client and if so who?  NA  Subcontract Lab: NA	9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
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17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  10. Were field sample labels filled out with the minimum information:  Sample ID?  Date/Time Collected?  Collectors name?  11. Does the COC or field labels indicate the samples were preserved?  12. Does the COC or field labels indicate the samples were preserved?  No  12. Are sample(s) correctly preserved?  No  Multiphase Sample Matrix  12. Does the sample have more than one phase, i.e., multiphase?  No  Multiphase Sample Matrix  12. If yes, does the COC specify which phase(s) is to be analyzed?  No  Multiphase Taboratory  No  No  Subcontract Laboratory  No  Subcontract Laboratory specified by the client and if so who?  No  Subcontract Lab: NA	15. Are V	OC samples collected in VOA Vials?		NA				
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24. Is lab filtration required and/or requested for dissolved metals?  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			reserveu:					
Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  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  NO  NO  Subcontract Laboratory specified by the client and if so who?  NA  Subcontract Lab: NA		- · · · · · · · · · · · · · · · · · · ·	etals?					
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			• • • • • • • • • • • • • • • • • • • •	110				
27. If yes, does the COC specify which phase(s) is to be analyzed?  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		<u> </u>		N.T.				
Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA								
28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA			yzeu?	NA				
29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA								
			-					
Client Instruction	29. Was a	a subcontract laboratory specified by the client and i	f so who?	NA	Subcont	ract Lab: NA		
	Client I	<u>nstruction</u>						
	1							
	1							
								-

Date

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



### **APPENDIX E**

NMOCD Correspondence

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 458335

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	458335
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Dagger State SWD			
Date Release Discovered	05/04/2025			
Surface Owner	State			

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: Overflow - Tank, Pit, Etc.   Tank (Any)   Produced Water   Released: 158 BBL   Recovered: 158 BBL   Lost: 0 BBL.					
Is the concentration of chloride in the produced water >10,000 mg/l	Yes					
Condensate Released (bbls) Details	Not answered.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 2

Action 458335

QUESTIONS (continued)	
	OGRID:

### QUESTIONS

Operator:

Nature and Volume of Release (continued)					
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.				
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes				
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.				
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.					

nitial 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.

General Information Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 458335

### **ACKNOWLEDGMENTS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	458335
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

### ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	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.
V	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.

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 458335

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	458335
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

Created By	Condition	Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	5/5/2025

	Pooled Fluids on the Surface									
	Length (ft.)	Width (ft.)	Depth (in)	# of Boundaries *edges of pool where depth is 0 . don't count shared boundaries	Oil-Water Ratio (%)	Pooled Area (ft²)	Estimated Average Depth (ft.)	Pooled Volume (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A	70.2	69.9	10.2	4.0	0.01	4909.1	0.2	184.8	1.85	182.93
Rectangle B						0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle C						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Total Volume (bbls): 184.78 1.85 182.93							182.93		

	Subsurface Fluids									
	Length (ft.)	Width (ft.)	Depth (in.)	Saturation (%) *10% in consolidated sediments after rain to 50% in sand with no precipitation	Oil-Water Ratio (%)	Area (ft²)	Volume (bbl.)	Estimated Volume in Subsurface (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A						0.0	0.0	0.0	0.00	0.0
Rectangle B						0.0	0.0	0.0	0.00	0.0
Rectangle C						0.0	0.0	0.0	0.00	0.0
Rectangle D						0.0	0.0	0.0	0.00	0.0
Rectangle E						0.0	0.0	0.0	0.00	0.0
Rectangle F						0.0	0.0	0.0	0.00	0.0
Rectangle G						0.0	0.0	0.0	0.00	0.0
Rectangle H						0.0	0.0	0.0	0.00	0.0
Rectangle I						0.0	0.0	0.0	0.00	0.0
Rectangle J						0.0	0.0	0.0	0.00	0.0
	Total Volume (bbls):						0.00	0.00	0.00	

TOTAL RELEASE VOLUME (bbls): 184.8

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 458751

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	458751
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

Prerequisites					
Incident ID (n#)	nAPP2512532447				
Incident Name	NAPP2512532447 DAGGER STATE SWD @ 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	Dagger State SWD				
Date Release Discovered	05/04/2025				
Surface Owner	State				

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

Nature and Volume of Release						
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.						
Crude Oil Released (bbls) Details	Not answered.					
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc.   Tank (Any)   Produced Water   Released: 185 BBL   Recovered: 185 BBL   Lost: 0 BBL.					
Is the concentration of chloride in the produced water >10,000 mg/l	Yes					
Condensate Released (bbls) Details	Not answered.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 2

Action 458751

QUESTIONS	(continued)
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Operation.	OGNID.	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	458751	
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)	
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.	
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.	
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	liation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 05/05/2025	

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 3

Action 458751

QUESTIONS (continued)

•	QUESTIONS	
		Action Type: [C-141] Initial C-141 (C-141-v-Initial)
	One Lincoln Centre Dallas, TX 75240	Action Number: 458751
ı	MATADOR PRODUCTION COMPANY	228937
ı	Operator:	OGRID:

### 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 Not answered. release in feet below ground surface (ft bgs) 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 Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. 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 A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the	e 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 accomplishing the significantly deviate from the remediation plan proposed, then it should consult with the division to	cordance with the physical realities encountered during remediation. If the responsible party has any need to

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 458751

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	458751
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

Create	ed By	Condition	Condition Date
scw	ells	None	5/6/2025

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS

Action 459085

### QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	459085
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Prerequisites	
Incident ID (n#)	nAPP2512532447
Incident Name	NAPP2512532447 DAGGER STATE SWD @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Dagger State SWD
Date Release Discovered	05/04/2025
Surface Owner	State

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	4,914
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	05/09/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Tank Containment
Please provide any information necessary for navigation to liner inspection site	32.44961,-103.60718

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 459085

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	459085
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

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.	5/6/2025

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 459085

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	459085
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Prerequisites		
Incident ID (n#)	nAPP2512532447	
Incident Name	NAPP2512532447 DAGGER STATE SWD @ 0	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	

Location of Release Source	
Site Name	Dagger State SWD
Date Release Discovered	05/04/2025
Surface Owner	State

Liner Inspection Event Information		
Please answer all the questions in this group.		
What is the liner inspection surface area in square feet	4,914	
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	05/09/2025	
Time liner inspection will commence	09:00 AM	
Please provide any information necessary for observers to liner inspection	Tank Containment	
Please provide any information necessary for navigation to liner inspection site	32.44961,-103.60718	

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 459085

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	459085
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Created By		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.	5/6/2025

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 470935

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470935
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2512532447	
Incident Name	NAPP2512532447 DAGGER STATE SWD @ 0	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	

Location of Release Source	
Site Name	Dagger State SWD
Date Release Discovered	05/04/2025
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	633	
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	06/09/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Isreal Estrella @ (575)-291-9537	
Please provide any information necessary for navigation to sampling site	32.44961,-103.60718	

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 470935

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470935
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2025

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 470936

### **QUESTIONS**

Operator:		OGRID:
MATADOR	R PRODUCTION COMPANY	228937
One Lincol	oln Centre	Action Number:
Dallas, TX	< 75240	470936
		Action Type:
		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2512532447
Incident Name	NAPP2512532447 DAGGER STATE SWD @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Dagger State SWD
Date Release Discovered	05/04/2025
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	633
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	06/10/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Isreal Estrella @ (575)-291-9537
Please provide any information necessary for navigation to sampling site	32.44961,-103.60718

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 470936

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470936
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2025

From: <u>Jason Touchet</u>
To: <u>eco@slo.state.nm.us</u>

Cc: Arsenio Jones; Ashley Giovengo; Chad Hamilton

Subject: 2-day Liner Inspection Notification) Matador Production Company - Dagger State SWD (nAPP2512532447) May 4,

2025

**Date:** Tuesday, May 6, 2025 10:48:10 AM

### [ \*\*EXTERNAL EMAIL\*\*]

All,

Matador Production Company (Matador) is submitting a 2-day Liner Inspection notification at the Dagger State SWD (Site) (Incident Number nAPP2512532447). The release occurred on May 4, 2025, and approximately 185 barrels (bbls) of produced were released within a lined containment with overspray occurring on the pad surface. The Liner Inspection will be conducted Friday 5/9/2025 and will commence at 09:00 MST. The Site is located in Unit I, Section 30, Township 21S, Range 33E (32.44961,-103.60718). The liner where the release occurred measures approximately 4,914 sq. ft.

Thanks,

**Jason Touchet** 

**EHS Specialist** 

**Matador Resources Company** 

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

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From: <u>Jason Touchet</u>
To: <u>eco@slo.state.nm.us</u>

Cc: <u>Ashley Giovengo</u>; <u>Chad Hamilton</u>

Subject: Re(2-day Sample Notification) Matador Production Company - Dagger State SWD (nAPP2512532447)-05-04-2025

**Date:** Thursday, June 5, 2025 8:14:32 AM

### [ \*\*EXTERNAL EMAIL\*\*]

### Greetings

Matador Production Company (Matador) is submitting a 2-day confirmation sampling notification at the Dagger State SWD (Site) (Incident Number nAPP2512532447). The release occurred on May 4, 2025, and approximately 185 barrels (bbls) of produced water were released into a secondary lined containment with a small overspray area reaching the pad. Confirmation soil sampling will be conducted Monday June 9, 2025, through June 10, 2025, and will commence at 07:00 AM MST. The Site is located in Unit G, Section 30, Township 21S, Range 33E (32.44961,-103.60718). Approximately 8 confirmation floor samples will be collected from an excavation extent measuring 633 square feet.

Thanks,

**Jason Touchet** 

**EHS Specialist** 

**Matador Resources Company** 

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

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Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

QUESTIONS

Action 488054

### **QUESTIONS**

Operato	or:	OGRID:
	MATADOR PRODUCTION COMPANY	228937
	One Lincoln Centre	Action Number:
	Dallas, TX 75240	488054
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

Prerequisites	
Incident ID (n#)	nAPP2512532447
Incident Name	NAPP2512532447 DAGGER STATE SWD #001 @ 30-025-45815
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Well	[30-025-45815] DAGGER STATE SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DAGGER STATE SWD #001
Date Release Discovered	05/04/2025
Surface Owner	State

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: Overflow - Tank, Pit, Etc.   Tank (Any)   Produced Water   Released: 185 BBL   Recovered: 185 BBL   Lost: 0 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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### State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 488054

QUESTIONS (continued	l)
	OGRID:

MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488054
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas	(i.e. gas only) are to be submitted on the C-129 form.
L m v a	
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	
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, absorben 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.
	ediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o pleted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of e evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rel the OCD does not relieve the operator of liability should their operations have failed to	y knowledge and understand that pursuant to OCD rules and regulations all operators are required leases which may endanger public health or the environment. The acceptance of a C-141 report by o adequately investigate and remediate contamination that pose a threat to groundwater, surface out does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Jason Touchet
I hereby agree and sign off to the above statement	Title: EHS Field Rep Email: jason.touchet@matadorresources.com

QUESTIONS

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 488054

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488054
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

### Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the

release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Please answer all the questions th	at apply or are indicated. This information must be provided t	to the appropriate district office no later than 90 days after the release discovery date.
•	plan approval with this submission	Yes
Attach a comprehensive report den	nonstrating the lateral and vertical extents of soil contaminati	on 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 co	ntained within a lined containment area	No
Soil Contamination Sampling:	(Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 Cl B)	1050
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	6812
GRO+DRO	(EPA SW-846 Method 8015M)	4802
BTEX	(EPA SW-846 Method 8021B or 8260B)	2
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

On what estimated date will the remediation commence	06/09/2025
On what date will (or did) the final sampling or liner inspection occur	05/09/2025
On what date will (or was) the remediation complete(d)	06/09/2025
What is the estimated surface area (in square feet) that will be reclaimed	400
What is the estimated volume (in cubic yards) that will be reclaimed	8
What is the estimated surface area (in square feet) that will be remediated	637
What is the estimated volume (in cubic yards) that will be remediated	15
	·

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

QUESTIONS, Page 4

Action 488054

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488054
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Yes	
What is the name of the NMED facility	R360 Hobbs 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: 07/23/2025

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.

MATADOR PRODUCTION COMPANY

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Operator:

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

QUESTIONS, Page 5

Action 488054

**QUESTIONS** (continued)

OGRID:

228937

Dallas, TX 75240	Action Number: 488054
·	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Deferral area is directly beneath the lined containment. Remediation would require a complete deconstruction of the Site. Storage Tanks, Lined Containment, Process Piping
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4405
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	163
	liately under or around production equipment such as production tanks, wellheads and pipelines where n may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-45815 DAGGER STATE SWD #001
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 07/23/2025

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

QUESTIONS, Page 6

Action 488054

**QUESTIONS** (continued)

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Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488054
	Action Type:
	[C-141] Deferral Request C-141 (C-141-y-Deferral)

Sampling Event Information	
Last sampling notification (C-141N) recorded	470936
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2025
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	633

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	No

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

CONDITIONS

Action 488054

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488054
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Created B	y Condition	Condition Date
scwells	Deferral approved. Deferral of BH03 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	8/4/2025