ENSOLUM

June 6, 2025

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

Re: Deferral Request Leslie West Tank Battery Incident Number nAPP2502638920 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 excavation and soil sampling activities performed at the Leslie West Tank Battery (Site). The purpose of the excavation and soil sampling activities was to address impacts to soil following a release of crude oil onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results following excavation activities, Matador is submitting this *Deferral Request*, describing Site assessment and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2502638920 until the Site is reconstructed and/or the pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit N, Section 17, Township 25 South, Range 35 East, in Lea County, New Mexico (32.12418°, -103.39192°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 25, 2025, equipment failure caused by the corrosion of pipe connection on a transfer pump resulted in the release of approximately 23 barrels (bbls) of crude oil onto the caliche pad; 20 bbls of crude oil was recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via email and submitted a Release Notification Form C-141 (Form C-141) via web portal on January 28, 2025, and the release was assigned Incident Number nAPP2502638920.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-04962 POD1, with a depth to water measurement greater than 100 feet below ground surface (bgs). The well was advanced at the Site to assess depth to water beneath the

Matador Production Company Leslie West Tank Battery Deferral Request

Site. All wells used to establish depth to groundwater are depicted on Figure 1 and the referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 2.17 miles feet northeast 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 not within 1,000 feet of a freshwater well or spring. The Site is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On January 27, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. The release extent was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

DELINEATION SOIL SAMPLING ACTIVITIES

On February 07, 2025, Ensolum personnel were onsite to collect lateral delineation soil sample SS01 at ground surface. Ensolum personnel returned to the Site on February 12, 2025, to collect lateral delineation soil samples SS02 through SS04 at ground surface to verify the lateral extent of impacted soil and to advance four boreholes (BH01 through BH04) within the release extent to verify the vertical extent of impacted soil. Boreholes BH01 through BH04 were advanced via hand auger to a depth of 4.5 feet bgs in BH01, 6 feet bgs in BH02, 2 feet bgs in BH03, and 5 feet bgs in borehole BH04.

On February 26, 2025, Ensolum personnel returned to the Site to advance boreholes BH01 and BH03 via backhoe to a depth of 6 feet bgs and 3 feet bgs, respectively. Discrete delineation soil samples were collected from each borehole and field screened for chloride utilizing Hach[®] chloride QuanTab[®] test strips and for volatile organic compounds (VOCs) using a calibrated Honeywell[®] photoionization detector (PID). Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The delineation soil sample locations are depicted on Figure 2.

Lateral delineation soil samples SS01 through SS04 and discrete delineation soil samples from boreholes BH01 through BH04 were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.



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EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on April 14, 2025, Ensolum personnel oversaw the excavation of impacted and wastecontaining soil from the release area. The excavation of the release area was completed with a backhoe, hydro-vac, and hand tools. The excavation occurred on the well pad on the south side of the lined secondary containment, around production equipment, removing soil where applicable as to not degrade the structural integrity of the soil surrounding production equipment. To direct excavation activities, Ensolum personnel field screened soil samples for chloride and TPH utilizing Hach[®] chloride QuanTab[®] test strips and a PetroFLAG[®] TPH Analyzer, respectively.

Following the removal of impacted and waste-containing soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS17 were collected from the floor of the excavation ranging from 0.5 to 6 feet bgs. Composite soil samples SW01 through SW04 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 6 feet bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

A hydro-vac was used to remove impacted soil within confirmation sample areas FS10, FS11, and FS13 and a crew was used to hand dig confirmation sample areas FS01, FS02, FS03, FS07, and FS08 due to the proximity of the sample areas to active pipelines and electrical conduit. The final excavation extent measured approximately 3,369 square feet. A total of approximately 160 cubic yards of impacted and waste-containing soil was removed during the excavation activities. Impacted and waste-containing soil was transported and properly disposed of at the Northern Delaware Basin in Jal, New Mexico.

LABORATORY ANALYTICAL RESULTS

Lateral delineation soil samples SS01 through SS04 were all in compliance with the Site Closure Criteria and with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for delineation soil samples collected from boreholes BH01, through BH05 were all in compliance with the Site Closure Criteria at depths ranging from 2 feet o 6 feet bgs. Borehole BH01 was in compliance with the strictest Closure Criteria per NMOCD Table I at a depth of 6 feet bgs, boreholes BH02 and BH05 were in compliance with the strictest Closure Criteria at a depth of 2 feet bgs, borehole BH03 was in compliance with the strictest Closure Criteria at a depth of 3 feet bgs, and borehole BH04 was in compliance with the strictest Closure Criteria at a depth of 5 feet bgs.

Laboratory analytical results for excavation sidewall samples SW01 through SW03 and excavation floor samples FS02 through FSFS06, FS10 through FS13, and FS15 through FS17 indicated all COC concentrations were compliant with the Site Closure Criteria and in compliance with the strictest Closure Criteria per 19.15.29.13.D (1) NMAC. Excavation sidewall sample SW04 and confirmation floor samples FS01, FS09, and FS14 indicated all COC concentrations were compliant with the Site Closure Criteria. Confirmation floor samples FS08 exceeded Site closure criteria for TPH and floor sample FS07 exceeded Site closure criteria for GRO+DRO. The laboratory analytical results are summarized in Tables 1 and 2 and the complete laboratory analytical reports are included in Appendix D. All sampling notifications to NMOCD and additional correspondence is included in Appendix E.



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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 measures approximately 400 square feet, and assuming a depth of up to 2 feet bgs under the process piping and supports on the south side of the lined containment based on the analytical results from surrounding confirmation samples and delineation borehole BH05 a total of approximately 15 cubic yards of impacted soil remains in place. Soil in the vicinity of floor confirmation soil samples FS07 and FS08 are included in this deferment request due to the proximity of production equipment and safety concerns of excavating deeper, which has the potential to destabilize the equipment and harm workers and/or the environment. 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 SS04 at ground surface, sidewall soil sample SW01 through SW03 at ground surface to 6 feet bgs and vertically delineated by borehole samples BH02 and BH05 at 2 feet bgs, BH01 at 6 feet bgs, BH03 at 3 feet bgs, and BH04 at 5 feet bgs. Vertical delineation inside confirmation sample areas FS07 and FS08 could not be advanced due to process piping: however, the depth of contamination in these areas can be estimated by using the nearby delineation sample BH05.

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 to the Maximum Extent Practicable (MEP) 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 nAPP2502638920 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 (licensed in WY & TX) Senior Managing Geologist

cc: Jason Touchet, Matador Production Company



Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations
- Figure 4 Areas of Requested Deferral
- Table 1
 Delineation Soil Sample Analytical Results
- Table 2
 Excavation Soil Sample Analytical Results
- Table 3
 Sidewall Soil Sample Analytical Results
- Appendix A Well Log and Record
- Appendix B Photographic Log
- Appendix C Lithologic Soil Sampling Logs
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Correspondence





FIGURES

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TABLES



	1			Lesi Matado	TABLE 1 LE ANALYTICA ie West Tank Ba or Production Co County, New Me	ttery mpany				
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	eation Soil San	nples	•			
SS01	2/7/2025	0	<0.0250	<0.0500	<20.0	38.2	<50.0	38.2	38.2	26.4
SS01A	4/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	268
SS02	2/12/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	22.8
SS02A	4/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.0
SS03	2/12/2025	0	0.0434	0.1904	<20.0	<25.0	<50.0	<20.0	<20.0	53.3
SS04	2/12/2025	0	<0.0250	0.126	<20.0	37.6	<50.0	37.6	37.6	25.5
BH01	2/12/2025	0	7.36	942.36	4,370	32800	10,000	42,800	47,170	327
BH01	2/12/2025	2	<0.0250	0.0317	<20.0	94.5	<50.0	94.5	94.5	<20.0
BH01	2/12/2025	4	<0.0250	0.0291	<20.0	35.9	<50.0	35.9	35.9	<20.0
BH01	2/12/2025	4.5	0.0829	30.7	158	2,780	829	2,938	3,096	37.5
BH01	2/26/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
BH02	2/12/2025	0	10.8	489.2	2,470	24,800	10,500	27,270	37,770	1,650
BH02	2/12/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	83.2
BH02	2/12/2025	4	<0.0250	0.043	<20.0	<25.0	<50.0	<20.0	<20.0	207
BH02	2/12/2025	6	<0.0250	0.079	<20.0	64.6	<50.0	64.6	64.6	241
BH03	2/12/2025	0	17.7	620.4	2,650	34,900	12,100	37,550	49,650	156
BH03	2/12/2025	2	0.214	21.92	136	2,510	960	2,646	6,116	70.3
BH03	2/26/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	47.4
BH04	2/12/2025	0	8.52	761.32	3,540	38,100	13,900	41,640	93,640	612
BH04	2/12/2025	2	<0.0250	0.0275	<20.0	<25.0	<50.0	<20.0	<20.0	286
BH04	2/12/2025	4	<0.0250	0.1768	<20.0	182	84.6	182	266.6	351
BH04	2/12/2025	5	<0.0250	0.0399	<20.0	29.1	<50.0	29.1	29.1	505
BH05	4/22/2025	0	<0.0500	<0.0500	<40.0	2,550	988	2,550	3,538	196
BH05	4/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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				Lesl Matado	TABLE 2 LE ANALYTICA ie West Tank Bai or Production Co County, New Me	ttery mpany				
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	tion Floor Soil S	amples	1			
FS01	4/15/2025	0.5	<0.0250	< 0.0500	<20.0	231	74.1	231	305.1	40.9
FS02	4/15/2025	0.5	<0.0250	<0.0500	<20.0	47.0	<50.0	47.0	47.0	248
FS03	4/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.7
FS04	4/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4.46
FS05	4/17/2025	1	<0.0250	<0.0500	<20.0	97.8	<50.0	97.8	97.8	47.8
FS06	4/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS07	4/17/2025	1	0.0416	29.3	220	11,200	4,570	11,200	15,770	22.4
FS08	4/17/2025	1	<0.0250	0.1730	<20.0	1,420	634	1,420	2,054	5.41
FS09	4/17/2025	1	<0.0250	< 0.0500	<20.0	123	84.3	123	207	10.2
FS10	4/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11.8
FS11	4/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.8
FS12	4/17/2025	1	<0.0250	<0.0500	<20.0	37.7	<50.0	37.7	37.7	<20.0
FS13	4/22/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	55.0
FS14	4/22/2025	1	<0.0250	<0.0500	<20.0	368	161	368	529	<20.0
FS15	4/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS16	4/22/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS17	4/22/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	358
				Excavati	on Sidewall Soil	Samples				
SW01	4/18/2025	0-6'	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW02	4/18/2025	0-1'	<0.0250	<0.0500	<20.0	45.8	<50.0	45.8	<50.0	<20.0
SW03	4/18/2025	0-1'	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04	4/18/2025	0-2'	<0.0250	<0.0500	<20.0	251	128.0	251	379.0	327

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.

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NOIT	OSE POD NO. POD1 WELL OWNE				VELL TAG ID NO. I/A			OSE FILE NO(C 4962 POI PHONE (OPTI	01		
OCA.	Matador Pr										
WELLL	WELL OWNE R347 N26t		ADDRESS treet 2nd Floor					CITY Artesia		STATE NM 88210	ZIP
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N	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HOLE	SHALLOV	W (UNCONF	INED)	N. S. S.		N/A	
ATIC	DRILLING FL	UID:	✓ AIR	MUD	ADDITIVI	ES – SPECIF	14	44	704 A.C.	A Carlo	
ORM	DRILLING M	ETHOD:	ROTARY	HAMMER	CABLE TO	00L [OTHE	R – SPECIFY:			
2. DRILLING & CASING INFORMATION	DEPTH (FROM	(feet bgl) TO	BORE HOLE DIAM (inches)	(include ead	ATERIAL AND GRADE ch casing string, ctions of screen)	and	CON	ASING NECTION TYPE ling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
& CA	0	105	5.00		oil Boring		add coup	ing dianeter)			
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	DEPTH (feet bgl)			WATER	ESTIMATED
	FROM	то	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZON (attach supplemental sheets to fully describe all units)		YIELD FOR WATER- BEARING ZONES (gpm)
	0	10	10	Sand with gravel, Med brown, Fine grained with small to large grav	rel Y VN	
125	10	20	10	Sand with gravel, Med brown, Fine grained with small to large grav	el Y VN	
	20	30	10	Silty sand with Gravel, Light Brown, Fine grained with small to large g	ravel Y VN	
	30	40	10	Clay with Gravel, Red, Very fine grained with small to large grave		Sec. Start
	40	50	10	Silty sand with Gravel, Light brown, Fine grained with small to large g	ravel Y VN	
	50	60	10	Silty sand with Gravel, Med brown, Fine grained with small to large gr		
4. HYDROGEOLOGIC LOG OF WELL	60	70	10	Silty sand with Gravel, Med brown, Fine grained with small to large gr		
OF	70	80	10	Silty sand with Gravel, Light brown, Fine grained with small to large gr		11-11-12
00	80	90	10	Silty sand with Gravel, Light brown, Fine grained with small to large gr		A. C. Mark
ICL	90	100	10	Silty sand with Gravel, Light brown, Fine grained with small to large gr		
50	100	105	5	Silty sand with Gravel, Light brown, Fine grained with small to large gr		
EOI	105	105	0	Silty sand with Gravel, Light brown, Fine grained with small to large gr		
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NO	WELL TEST	TEST	RESULTS - ATT/	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, ING IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV		
TEST; RIG SUPERVISION			bel	nporary well material removed and soil boring backfilled using da ow ground surface (bgs), then hydrated bentonite chips 10 ft bgs t	o ground surface.	
S.TE	Lan	rS	carboro			
6. SIGNATURE	DECODINOL		ALSO BE FILED	AT (J THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOR WELL I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HA WITH THE PERMIT HOLDER WITHON 30 DAYS AFTER THE COMP South South South South	AS BEEN INSTALLED AN	ID THAT THIS
FOR	OSE INTERN	AL USE	All day	WR-20 WI	LL RECORD & LOG (Ve	rsion 04/30/2019)
				POD NO. TRN NO.		
FILE	MU		and the second second		and the second	and the second



APPENDIX B

Lithologic Soil Sampling Logs

· · · · · ·									
								Sample Name: BH01	Date: 2/12/2024
		E	N	S	ΟΙ	LU	M	Site Name: Laslie West Tank Batte	
		_						Incident Number: nAPP250263892	20
								Job Number: 03A2270068	
					SAMPLING	3 LOG		Logged By: CH OA	Method: Hand Auger
		2.124162				h la stala Tarat (Hole Diameter: 3"	Total Depth: 6'
			-					PID for chloride and vapor, respect factors included.	lively. Chloride test
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions
D			Y	BH01	0	L O	CCHE	Pad Cali	che
м			N	BH01	1	1			
м			N	BH01	2	2			
м			N	BH01	3	- 3 	SC	Clayey Sand - Loose, Red Coarse to very fine, M Noncohesive, Massiv	oist, Non-Plastic,
м		166.6	Ν	BH01	4 _	4			
м		225	N	BH01	4.5	\mathbf{F}			
				2					
					-	5			
					_	Ļ			
м	100	17	Ν	BH01	6	6			
						Total De	epth @ 6	5 ft bgs	

								Sample Name: BH02	Date: 2/12/2024			
				C				Site Name: Laslie West Tank Bat				
		E	N	2		_ U		Incident Number: nAPP2502638				
								Job Number: 03A2270068				
			OGI		SAMPLING	6106		Logged By: CH OA	Method: Hand Auger			
Coord		2.124097						Hole Diameter: 3"	Total Depth: 6'			
Comm	ents: Fie	ld screen	ing co	onducted w			Strips and	PID for chloride and vapor, respe factors included.				
perior		1 1.4 uliu			ii to uistilleu							
	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
D			Y	BH02	0 1	1 O	CCHE	Pad Ca	lliche			
м			N	BH02	1	1						
М			N	BH02	2	- 2						
Μ			N	BH02	3_	- - 3 -	SP-SC	Clayey Sand - Loose, Re Coarse to very fine, Noncohesive, Mass	Moist, Non-Plastic,			
Μ			N	BH02	4 _	4						
Μ		92.6	N	BH02	- 5	- - 5 -						
D		36	N	BH02	- 6 _ -	- - 6 -	SC	Sandy Clay - Medium D Brown, Very fine to coa Noncohesive, Mass	arse, Dry, Non-Plastic,			
						Total De	epth @ (-,			

								Sample Name: BH03	Date: 2/12/2024
				C				Site Name: Laslie West Tank B	
				3		LU		Incident Number: nAPP25026	
								Job Number: 03A2270068	
		LITHOL	OGI		SAMPLING	G LOG		Logged By: CH OA	Method: Hand Auger
Coord		2.124126						Hole Diameter: 3"	Total Depth: 3'
Comm	ents: Fie	ld screen	ing co	onducted v				PID for chloride and vapor, res factors included.	spectively. Chloride test
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic	Descriptions
D			Y	BH03	0	L O	CCHE	Pad	Caliche
D			N	BH03	 1 _				e, White to yellow, mostly ne small to large cobbles,
D		>500	Ν	BH03	2	2	CCHE	Dry, Non-Plastic, Non	cohesive, Massive, Non-
D		225 14	N N	BH03	2.5 _ 3	- 3			nonn
				DHOS		Total De	enth @ 3	R ft høs	

							Sample Name: BH04	Date: 2/12/2024
			•				Site Name: Laslie West Tank Batte	
		N	5	ΟΙ			Incident Number: nAPP250263892	
							Job Number: 03A2270068	
		0610		SAMPLING	106		Logged By: CH OA	Method: Hand Auger
Coordinates: 3							Hole Diameter: 3"	Total Depth: 5'
				vith HACH Ch	loride Test 9	Strins and	PID for chloride and vapor, respect	
		-					actors included.	
Moisture Content Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic De	scriptions
D		Y	BH04	0	1 0 -	CCHE	Pad Cali	che
Μ		N	BH04	1 _	1			
Μ		N	BH04	2 _	2		Clayey Sand - Loose, Red	d to Medium Brown,
Μ	>350	N	BH04	3 _	3 	SC	Coarse to very fine, N Noncohesive, Massiv	
м		Ν	BH04	4 _	4			
м	96.7	Ν	BH04	5	5			
					Total De	-p (e .		



APPENDIX C

Photographic Log













APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation





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:

Leslie West TB

Work Order: E502072

Job Number: 23003-0002

Received: 2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/14/25

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: 2/14/25

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

Project Name: Leslie West TB Workorder: E502072 Date Received: 2/11/2025 7:30:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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v		Sample Sum	mary		
Matador Resources, LLC.		Project Name:	Leslie West TB		Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Reported.
Dallas TX, 75240		Project Manager:	Ashley Giovengo		02/14/25 12:27
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E502072-01A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.



	~	ampic D					
Matador Resources, LLC.	Project Name:		ie West TB				
5400 LBJ Freeway, Suite 1500	Project Numb		03-0002				Reported:
Dallas TX, 75240	Project Manag	ger: Ash	ley Gioveng	go			2/14/2025 12:27:58PM
		SS01-0'					
		E502072-01					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2507026
Benzene	ND	0.0250	1	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	1	02/11/25	02/11/25	
p-Xylene	ND	0.0250	1	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		105 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8		106 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2507026
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		105 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8		106 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КН		Batch: 2507030
Diesel Range Organics (C10-C28)	38.2	25.0	1	1	02/11/25	02/11/25	
Dil Range Organics (C28-C36)	ND	50.0	1	1	02/11/25	02/11/25	
Surrogate: n-Nonane		112 %	61-141		02/11/25	02/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2507032
Chloride	26.4	20.0	1	1	02/11/25	02/11/25	





QC Summary Data

			-						
	Project Name:							Reported:	
	Project Number:	23	003-0002						
	Project Manager:	As	shley Giovengo				2/	14/2025 12:27:58PM	
	Volatile Organic	Compou	unds by EPA	8260H	3	Analyst: SL			
	Reporting	Spike	Source		Rec		RPD		
Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
						Prepared: 02	2/11/25 Ana	alyzed: 02/11/25	
ND	0.0250								
ND	0.0250								
ND	0.0250								
ND	0.0250								
ND	0.0500								
ND	0.0250								
0.542		0.500		108	70-130				
0.485		0.500		96.9	70-130				
0.525		0.500		105	70-130				
						Prepared: 02	2/11/25 Ana	alyzed: 02/11/25	
2.16	0.0250	2.50		86.4	70-130				
2.30				92.2	70-130				
2.37	0.0250	2.50		94.8	70-130				
2.26	0.0250	2.50		90.5	70-130				
4.75	0.0500	5.00		94.9	70-130				
7.01	0.0250	7.50		93.4	70-130				
0.488		0.500		97.5	70-130				
0 502		0.500		100	70-130				
0.521		0.500		104	70-130				
			Source: E	502074-0	02	Prepared: 02	2/11/25 Ana	alyzed: 02/11/25	
2.19	0.0250	2.50	ND	87.4	48-131				
2.36			ND	94.5	45-135				
2.42	0.0250	2.50	ND	96.9	48-130				
2.35	0.0250	2.50	ND	93.8	43-135				
4.94	0.0500	5.00	ND	98.8	43-135				
7.28	0.0250	7.50	ND	97.1	43-135				
0.494		0.500		98.8	70-130				
		0.500		101	70-130				
0.519		0.500		104	70-130				
			Source: E	502074-0	02	Prepared: 02	2/11/25 Ana	alyzed: 02/11/25	
2.11	0.0250	2.50				-			
				93.6	48-130	3.44	24		
2.28	0.0250	2.50	ND	91.4	43-135	2.66	27		
4.80	0.0500	5.00	ND	96.0	43-135	2.87	27		
00									
7.08	0.0250	7.50	ND	94.4	43-135	2.80	27		
7.08		7.50 0.500	ND	94.4	43-135	2.80	27		
			ND			2.80	27		
	Result mg/kg ND ND ND ND ND ND 0.542 0.485 0.525 2.16 2.30 2.37 2.26 4.75 7.01 0.488 0.502 0.521 2.19 2.36 2.42 2.35 4.94 7.28 0.494 0.506 0.519 2.11 2.23 2.34	Project Number: Project Manager: Volatile Organic Result mg/kg Reporting Limit mg/kg ND 0.0250 0.525 0.0500 0.525 0.0250 0.525 0.0250 0.525 0.0250 0.525 0.0250 2.16 0.0250 2.37 0.0250 2.36 0.0250 0.488 0.502 0.521 0.0250 2.36 0.0250 2.36 0.0250 2.35 0.0250 2.42 0.0250 2.35 0.0250 0.494 0.506 0.519 0.519 2.11 0.0250 2.34 0.0250 <td>Project Number: 23 Project Manager: As Volatile Organic Comporting mg/kg Spike Limit mg/kg Spike Level mg/kg ND 0.0250 0.542 0.500 0.525 0.500 0.525 0.500 2.16 0.0250 2.50 2.30 0.0250 2.50 2.37 0.0250 2.50 2.36 0.0250 7.50 0.488 0.500 0.502 0.500 0.502 2.50 2.36 0.0250 2.50 2.35 0.0250 2.50 2.42 0.0250 2.50 <</td> <td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA Result Reporting mg/kg Spike mg/kg Source Result ND 0.0250 mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.161 0.0250 2.50 mg/kg 10 0.0250 2.50 mg/kg 11 0.0250 2.50 mg/kg 12.19 0.0250 2.50 mg/kg 12.35 0.0250 2.50 mg/kg 12.35 0.0250 2.50 mg/kg <t< td=""><td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260H Result Reporting Spike Source Result Ininit Level Result Rec mg/kg mg/kg mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 108 0.542 0.500 96.9 0.525 0.500 96.9 0.525 0.500 94.8 2.16 0.0250 2.50 94.4 2.30 0.0250 2.50 94.4 2.45 0.0500 5.00 94.9 7.01 0.0250 2.50 94.5 2.66 0.0250 2.50 94.5 2.61 0.0250 2.50 94.9 7.01 0.0250 2.50 94.5 2.62 0.0500 5.00 104</td><td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260B Result Reporting mg/kg Spike Mg/kg Source Result Rec Result Rec funits ND 0.0250 mg/kg mg/kg % % ND 0.0250 % % ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 0.542 0.500 96.9 70-130 0.525 0.500 96.9 70-130 2.37 0.0250 2.50 94.8 70-130 2.26 0.0250 2.50 94.4 70-130 0.500 1.00 7.5 70-330 70-130 0.502 0.500 93.4 70-130 70-130</td><td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260B Result Reporting Spike Source Rec Limits RPD mg/kg mg/kg mg/kg % % % % % ND 0.0250 mg/kg % % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND % <td< td=""><td>No. Spike Source Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg %<!--</td--></td></td<></td></t<></td>	Project Number: 23 Project Manager: As Volatile Organic Comporting mg/kg Spike Limit mg/kg Spike Level mg/kg ND 0.0250 0.542 0.500 0.525 0.500 0.525 0.500 2.16 0.0250 2.50 2.30 0.0250 2.50 2.37 0.0250 2.50 2.36 0.0250 7.50 0.488 0.500 0.502 0.500 0.502 2.50 2.36 0.0250 2.50 2.35 0.0250 2.50 2.42 0.0250 2.50 <	Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA Result Reporting mg/kg Spike mg/kg Source Result ND 0.0250 mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.0250 mg/kg mg/kg mg/kg 0.161 0.0250 2.50 mg/kg 10 0.0250 2.50 mg/kg 11 0.0250 2.50 mg/kg 12.19 0.0250 2.50 mg/kg 12.35 0.0250 2.50 mg/kg 12.35 0.0250 2.50 mg/kg <t< td=""><td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260H Result Reporting Spike Source Result Ininit Level Result Rec mg/kg mg/kg mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 108 0.542 0.500 96.9 0.525 0.500 96.9 0.525 0.500 94.8 2.16 0.0250 2.50 94.4 2.30 0.0250 2.50 94.4 2.45 0.0500 5.00 94.9 7.01 0.0250 2.50 94.5 2.66 0.0250 2.50 94.5 2.61 0.0250 2.50 94.9 7.01 0.0250 2.50 94.5 2.62 0.0500 5.00 104</td><td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260B Result Reporting mg/kg Spike Mg/kg Source Result Rec Result Rec funits ND 0.0250 mg/kg mg/kg % % ND 0.0250 % % ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 0.542 0.500 96.9 70-130 0.525 0.500 96.9 70-130 2.37 0.0250 2.50 94.8 70-130 2.26 0.0250 2.50 94.4 70-130 0.500 1.00 7.5 70-330 70-130 0.502 0.500 93.4 70-130 70-130</td><td>Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260B Result Reporting Spike Source Rec Limits RPD mg/kg mg/kg mg/kg % % % % % ND 0.0250 mg/kg % % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND % <td< td=""><td>No. Spike Source Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg %<!--</td--></td></td<></td></t<>	Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260H Result Reporting Spike Source Result Ininit Level Result Rec mg/kg mg/kg mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 108 0.542 0.500 96.9 0.525 0.500 96.9 0.525 0.500 94.8 2.16 0.0250 2.50 94.4 2.30 0.0250 2.50 94.4 2.45 0.0500 5.00 94.9 7.01 0.0250 2.50 94.5 2.66 0.0250 2.50 94.5 2.61 0.0250 2.50 94.9 7.01 0.0250 2.50 94.5 2.62 0.0500 5.00 104	Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260B Result Reporting mg/kg Spike Mg/kg Source Result Rec Result Rec funits ND 0.0250 mg/kg mg/kg % % ND 0.0250 % % ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 ND 0.0250 70-130 0.542 0.500 96.9 70-130 0.525 0.500 96.9 70-130 2.37 0.0250 2.50 94.8 70-130 2.26 0.0250 2.50 94.4 70-130 0.500 1.00 7.5 70-330 70-130 0.502 0.500 93.4 70-130 70-130	Project Number: 23003-0002 Project Manager: Ashley Giovengo Volatile Organic Compounds by EPA 8260B Result Reporting Spike Source Rec Limits RPD mg/kg mg/kg mg/kg % % % % % ND 0.0250 mg/kg % % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND % <td< td=""><td>No. Spike Source Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg %<!--</td--></td></td<>	No. Spike Source Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg % </td	



QC Summary Data

		QC SI									
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West TB 3003-0002 .shley Giovengo					Reported: 2/14/2025 12:27:58PM		
	No	onhalogenated O	rganics	by EPA 8015	5D - GI	RO			Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2507026-BLK1)							Prepared: 02/11/25 Analyzed: 02/11/25				
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130					
Surrogate: Toluene-d8	0.525		0.500		105	70-130					
LCS (2507026-BS2)							Prepared: 0	2/11/25 A	Analyzed: 02/11/25		
Gasoline Range Organics (C6-C10)	59.0	20.0	50.0		118	70-130					
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130					
Surrogate: Toluene-d8	0.535		0.500		107	70-130					
Matrix Spike (2507026-MS2)				Source: E502074-02			Prepared: 02/11/25 Analyzed: 02/11/25				
Gasoline Range Organics (C6-C10)	57.9	20.0	50.0	ND	116	70-130					
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130					
Surrogate: Toluene-d8	0.531		0.500		106	70-130					
Matrix Spike Dup (2507026-MSD2)				Source: E502074-02			Prepared: 02/11/25 Analyzed: 02/11/25				
Gasoline Range Organics (C6-C10)	60.3	20.0	50.0	ND	121	70-130	4.03	20			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130					



QC Summary Data

		QC BI	umm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 2/14/2025 12:27:58PM
	Nonh	alogenated Orga	anics by	v 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 (2507030-BLK1)							Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	61-141			
LCS (2507030-BS1)							Prepared: 0	2/11/25 A	analyzed: 02/11/25
Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	53.1		50.0		106	61-141			
Matrix Spike (2507030-MS1)			Source: E502073-02			Prepared: 02/11/25 Analyzed: 02/11/25			
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	55.0		50.0		110	61-141			
Matrix Spike Dup (2507030-MSD1)				Source: E502073-02			Prepared: 0	2/11/25 A	analyzed: 02/11/25
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	3.86	20	
Surrogate: n-Nonane	54.6		50.0		109	61-141			


QC Summary Data

		QC D	umm	ary Data	•				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Giovengo)				Reported: 2/14/2025 12:27:58PM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2507032-BLK1)							Prepared: 02	2/11/25 A	Analyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507032-BS1)							Prepared: 02	2/11/25 A	Analyzed: 02/11/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2507032-MS1)				Source: F	2502073-0	03	Prepared: 02	2/11/25 A	Analyzed: 02/11/25
Chloride	704	20.0	250	515	75.4	80-120			M2
Matrix Spike Dup (2507032-MSD1)				Source: E	502073-0	03	Prepared: 02	2/11/25 A	Analyzed: 02/11/25
Chloride	726	20.0	250	515	84.4	80-120	3.13	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.



	2 cmmerons		
Matador Resources, LLC.	Project Name:	Leslie West TB	
400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/14/25 12:27
	400 LBJ Freeway, Suite 1500	Aatador Resources, LLC.Project Name:400 LBJ Freeway, Suite 1500Project Number:	400 LBJ Freeway, Suite 1500Project Number:23003-0002

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

	Clier	nt Inform	ation			Invoice Informat	tion				La	ab Us	se On	ly			_	TAT		State
lient: N	Aatador Prod					Company: Ensolum LLC			- la	b WO			Job I	-	ber		1D	2D 3D	Std	NM CO UT TX
	Leslie West					Address: 3122 National Par	ks Hwy			502	2072	2	23	603	-00	21			X	X
Project N	Aanager: Asl	nley Giov	engo			ity, State, Zip: Carlsbad NN	1, 88220				· · · ·									
ddress:	3122 Nation	nal Parks	Hwy		<u>P</u>	hone: 575-988-0055							Ana	lysis	and I	Meth	nod			EPA Program
lity, Sta	e, Zip: Carls	bad NM,	88220		L	Email: agiovengo@ensolu	m.com													SDWA CWA RCRA
	575-988-005				∾	liscellaneous:										1				
<u>mail: a</u>	giovengo@ei	nsolum.co	om							55	18	l l								ompliance Y or N
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				Sam	ple Informa		h	<u> </u>	Lab	- 8	SR 1	<u>م</u>	y 82	de 3	ν Ω	SO	Ň 8			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Filte	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Page
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field sam	pler), attest to the	validity and	authenticity	of this samp	le. I am aware t	that tampering with or intentionally m	islabeling tl	he sar	nple locat	tion, date	e or tim	ne of co	ollectio	n is coi	nsidere	d frauc	d and m	ay be grou	nds for le	egal action.
	: Bowan Simmons				—					T			r —		Sample	r roqui	ring the		tion muc	be received on ice the day they are
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alinquist	ed by: (Signatur		Date	10125	1100 Time	Received by: (Signature)		Date	0-2	Time			-		subsea	<u>ient da</u>	<u>ws</u>	14	ab Use	Only
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elinquist	ed by: (Signatu	re)	Date		Time	Received by: (Signature)		Date		Time			1							
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	trix: S - Soil, Sd - So																	ss, v - VO		
						her arrangements are made. Haza										clien	t expe	nse. The r	eport fo	or the analysis of the above
amples is	applicable only	to those sa	amples rec	eivea by the	e laboratory w	ith this COC. The liability of the la	poratory is		ieu to th	e amou	nt pat		on the	repor	ι. 					

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

ient: Matador Resources, LLC. Date Receiv	'ea' 107/11/25	07.30	Work Order ID:	E502072
(072) 271 5200 Deta Lease				
none: (972) 371-5200 Date Logger nail: agiovengo@ensolum.com Due Date:		13:27 5 17:00 (4 day TAT)	Logged In By:	Caitlin Mars
hain of Custody (COC)				
Does the sample ID match the COC?	Yes			
Does the number of samples per sampling site location match the COC	105			
Were samples dropped off by client or carrier?	Yes	Carrier: Courier		
Was the COC complete, i.e., signatures, dates/times, requested analyse				
Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes		Commen	ts/Resolution
ample Turn Around Time (TAT)				
Did the COC indicate standard TAT, or Expedited TAT?	Yes			
ample Cooler				
Was a sample cooler received?	Yes			
If yes, was cooler received in good condition?	Yes			
Was the sample(s) received intact, i.e., not broken?	Yes			
). Were custody/security seals present?	No			
. If yes, were custody/security seals intact?	NA			
2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i	Yes			
minutes of sampling	40.0			
3. If no visible ice, record the temperature. Actual sample temperature	e: <u>4°C</u>			
ample Container				
A Are aqueous VOC samples present?	No			
5. Are VOC samples collected in VOA Vials?	NA			
5. Is the head space less than 6-8 mm (pea sized or less)?	NA			
7. Was a trip blank (TB) included for VOC analyses?	NA			
3. Are non-VOC samples collected in the correct containers?	Yes			
D. Is the appropriate volume/weight or number of sample containers collected	l? Yes			
eld Label				
). Were field sample labels filled out with the minimum information: Sample ID?	Yes			
Date/Time Collected?	Yes			
Collectors name?	Yes			
ample Preservation				
. Does the COC or field labels indicate the samples were preserved?	No			
2. Are sample(s) correctly preserved?	NA			
I. Is lab filteration required and/or requested for dissolved metals?	No			
ultiphase Sample Matrix				
5. Does the sample have more than one phase, i.e., multiphase?	No			
7. If yes, does the COC specify which phase(s) is to be analyzed?	NA			
abcontract Laboratory				
3. Are samples required to get sent to a subcontract laboratory?	No			
9. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA		
Client Instruction				

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



envirotech Inc.

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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:

Leslie West Tank Battery

Work Order: E502119

Job Number: 23003-0002

Received: 2/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/19/25

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: 2/19/25

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

Project Name: Leslie West Tank Battery Workorder: E502119 Date Received: 2/14/2025 8:00:16AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/14/2025 8:00:16AM, under the Project Name: Leslie West Tank Battery.

The analytical test results summarized in this report with the Project Name: Leslie West Tank Battery 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample	Summary
Sampic	Summary

		Sample Sum				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	Leslie West Tank B 23003-0002 Ashley Giovengo	attery	Reported: 02/19/25 08:38	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
S02-0'	E502119-01A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
S03-0'	E502119-02A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
S04-0'	E502119-03A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH01-0'	E502119-04A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH01-2'	E502119-05A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH01-4'	E502119-06A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH01-4.5'	E502119-07A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
3H02-0'	E502119-08A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH02-2'	E502119-09A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH02-4'	E502119-10A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH02-6'	E502119-11A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
BH03-0'	E502119-12A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
3H03-2'	E502119-13A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
3H04-0'	E502119-14A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
H04-2'	E502119-15A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
5H04-4'	E502119-16A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	
H04-5'	E502119-17A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.	



	D	ample D				
Matador Resources, LLC.	Project Name	e: Lesl	ie West Tank	Battery		
5400 LBJ Freeway, Suite 1500	Project Numb	ber: 2300	03-0002			Reported:
Dallas TX, 75240	Project Mana	ger: Ash	ley Giovengo			2/19/2025 8:38:22AM
		SS02-0'				
		E502119-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	Analyst: SL		Batch: 2507108
Benzene	ND	0.0250	1	02/14/25	02/15/25	
thylbenzene	ND	0.0250	1	02/14/25	02/15/25	
oluene	ND	0.0250	1	02/14/25	02/15/25	
-Xylene	ND	0.0250	1	02/14/25	02/15/25	
,m-Xylene	ND	0.0500	1	02/14/25	02/15/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/15/25	
urrogate: 4-Bromochlorobenzene-PID		81.7 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	02/14/25	02/15/25	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
urrogate: n-Nonane		115 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2507125
Chloride	22.8	20.0	1	02/14/25	02/14/25	

	6	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name Project Numb Project Manag	ber: 230	ie West Tank Ba 03-0002 ley Giovengo	attery		Reported: 2/19/2025 8:38:22AM
		SS03-0'				
		E502119-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2507108
Benzene	0.0434	0.0250	1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/15/25	
Toluene	0.147	0.0250	1	02/14/25	02/15/25	
p-Xylene	ND	0.0250	1	02/14/25	02/15/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/15/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		81.4 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
Surrogate: n-Nonane		115 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2507125
Chloride	53.3	20.0	1	02/14/25	02/14/25	



	0	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name Project Numb Project Mana	ber: 230	ie West Tank Ba 03-0002 ley Giovengo	attery		Reported: 2/19/2025 8:38:22AM
		SS04-0'				
		E502119-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2507108
Benzene	ND	0.0250	1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/15/25	
Toluene	0.126	0.0250	1	02/14/25	02/15/25	
-Xylene	ND	0.0250	1	02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1	02/14/25	02/15/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		81.6 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	37.6	25.0	1	02/14/25	02/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
Surrogate: n-Nonane		122 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2507125
Chloride	25.5	20.0	1	02/14/25	02/14/25	



	50	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Numbe		ie West Tank Batte 03-0002	ery		Reported:
Dallas TX, 75240	Project Manag		ley Giovengo	2/19/2025 8:38:22AM		
		BH01-0'				
		E502119-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2507108
Benzene	7.36	0.500	20	02/14/25	02/15/25	
thylbenzene	102	0.500	20	02/14/25	02/15/25	
oluene	281	0.500	20	02/14/25	02/15/25	
-Xylene	135	0.500	20	02/14/25	02/15/25	
,m-Xylene	417	1.00	20	02/14/25	02/15/25	
Total Xylenes	552	0.500	20	02/14/25	02/15/25	
urrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	4370	400	20	02/14/25	02/15/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		115 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	32800	250	10	02/14/25	02/14/25	Т9
Dil Range Organics (C28-C36)	10000	500	10	02/14/25	02/14/25	
urrogate: n-Nonane		962 %	61-141	02/14/25	02/14/25	\$5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: AK		Batch: 2507125
)			



	a	ample D	ala				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name Project Num		ie West Tan 03-0002	k Batter	у		Reported:
Dallas TX, 75240	Project Mana	nger: Ash	ley Gioveng	go			2/19/2025 8:38:22AM
		BH01-2'					
		E502119-05					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL				Batch: 2507108
Benzene	ND	0.0250	1		02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1		02/14/25	02/15/25	
Foluene	0.0317	0.0250	1		02/14/25	02/15/25	
p-Xylene	ND	0.0250	1		02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1		02/14/25	02/15/25	
Fotal Xylenes	ND	0.0250	1		02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		84.0 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: SL		Batch: 2507108		
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV				Batch: 2507119
Diesel Range Organics (C10-C28)	94.5	25.0	1		02/14/25	02/15/25	
Dil Range Organics (C28-C36)	ND	50.0	1	. <u> </u>	02/14/25	02/15/25	
Surrogate: n-Nonane		115 %	61-141		02/14/25	02/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2507125
Chloride	ND	20.0	1		02/14/25	02/14/25	



	0	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name Project Numb		ie West Tank 03-0002	Battery		Reported:
Dallas TX, 75240	Project Mana	ger: Ash	ley Giovengo			2/19/2025 8:38:22AM
		BH01-4'				
		E502119-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	Batch: 2507108		
Benzene	ND	0.0250	1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/15/25	
Toluene	0.0291	0.0250	1	02/14/25	02/15/25	
p-Xylene	ND	0.0250	1	02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1	02/14/25	02/15/25	
Fotal Xylenes	ND	0.0250	1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: SL		Batch: 2507108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	Batch: 2507119		
Diesel Range Organics (C10-C28)	35.9	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
Surrogate: n-Nonane		122 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2507125
Chloride	ND	20.0	1	02/14/25	02/15/25	



	00	ampie D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Numbe Project Manag	er: 230	ie West Tank Batt 03-0002 ley Giovengo	ery		Reported: 2/19/2025 8:38:22AM
		BH01-4.5'				
		E502119-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2507108
Benzene	0.0829	0.0500	2	02/14/25	02/15/25	
Ethylbenzene	3.44	0.0500	2	02/14/25	02/15/25	
Foluene	5.50	0.0500	2	02/14/25	02/15/25	
p-Xylene	5.58	0.0500	2	02/14/25	02/15/25	
o,m-Xylene	16.1	0.100	2	02/14/25	02/15/25	
Fotal Xylenes	21.7	0.0500	2	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	158	40.0	2	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV		Batch: 2507119	
Diesel Range Organics (C10-C28)	2780	25.0	1	02/14/25	02/14/25	Т9
Dil Range Organics (C28-C36)	829	50.0	1	02/14/25	02/14/25	
Surrogate: n-Nonane		156 %	61-141	02/14/25	02/14/25	<i>S5</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: AK		Batch: 2507125
Chloride	37.5	20.0	1	02/14/25	02/15/25	



	5	ampic D	ala				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name:Leslie West Tank BatteryProject Number:23003-0002Project Manager:Ashley Giovengo						
		BH02-0'					
		E502119-08					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507108	
Benzene	10.8	0.500	20	02/14/25	02/15/25		
Ethylbenzene	47.4	0.500	20	02/14/25	02/15/25		
Toluene	182	0.500	20	02/14/25	02/15/25		
p-Xylene	59.5	0.500	20	02/14/25	02/15/25		
o,m-Xylene	189	1.00	20	02/14/25	02/15/25		
Fotal Xylenes	249	0.500	20	02/14/25	02/15/25		
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	02/14/25	02/15/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2507108	
Gasoline Range Organics (C6-C10)	2470	400	20	02/14/25	02/15/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	02/14/25	02/15/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: NV		Batch: 2507119	
Diesel Range Organics (C10-C28)	24800	250	10	02/14/25	02/14/25	Т9	
Dil Range Organics (C28-C36)	10500	500	10	02/14/25	02/14/25		
Surrogate: n-Nonane		403 %	61-141	02/14/25	02/14/25	<i>S5</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: AK		Batch: 2507125	
Chloride	1650	20.0	1	02/14/25	02/15/25		



	D	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name Project Numb		ie West Tank E 03-0002	Battery		Reported:
Dallas TX, 75240	Project Mana	ger: Ash	ley Giovengo			2/19/2025 8:38:22AM
		BH02-2'				
		E502119-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Batch: 2507108		
Benzene	ND	0.0250	1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/15/25	
Toluene	ND	0.0250	1	02/14/25	02/15/25	
p-Xylene	ND	0.0250	1	02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1	02/14/25	02/15/25	
Fotal Xylenes	ND	0.0250	1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		84.7 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: SL		Batch: 2507108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana		Batch: 2507119	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/15/25	
Dil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/15/25	
Surrogate: n-Nonane		118 %	61-141	02/14/25	02/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: AK		Batch: 2507125
Chloride	83.2	20.0	1	02/14/25	02/14/25	



	0	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name Project Numb Project Mana	ber: 230	ie West Tank 03-0002 ley Giovengo	,		Reported: 2/19/2025 8:38:22AM
	Tiojeet Wana	0	icy Glovengo			2.17.2023 0.30.221
		BH02-4'				
		E502119-10				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	Batch: 2507108		
Benzene	ND	0.0250	1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/15/25	
Toluene	0.0433	0.0250	1	02/14/25	02/15/25	
p-Xylene	ND	0.0250	1	02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1	02/14/25	02/15/25	
Fotal Xylenes	ND	0.0250	1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		84.3 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	z/kg Analyst: SL		Batch: 2507108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
Surrogate: n-Nonane		119 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2507125
Chloride	207	20.0	1	02/14/25	02/15/25	



	5	ample D	ala				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name Project Numb		ie West Tan 03-0002	k Batter	y		Reported:
Dallas TX, 75240	Project Manag	ger: Ash	ley Gioveng	<u>jo</u>			2/19/2025 8:38:22AM
		BH02-6'					
		E502119-11					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	kg Analyst: SL			Batch: 2507108	
Benzene	ND	0.0250	1		02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1		02/14/25	02/15/25	
Foluene	0.0790	0.0250	1		02/14/25	02/15/25	
p-Xylene	ND	0.0250	1		02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1		02/14/25	02/15/25	
Fotal Xylenes	ND	0.0250	1		02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		84.8 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: SL		Batch: 2507108		
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV				Batch: 2507119
Diesel Range Organics (C10-C28)	64.6	25.0	1		02/14/25	02/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1		02/14/25	02/14/25	
Surrogate: n-Nonane		114 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: /	AK		Batch: 2507125
Chloride	241	20.0	1		02/14/25	02/15/25	



	5	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Numb		ie West Tank Batte 03-0002	ery		Reported:
Dallas TX, 75240	Project Manag	ger: Ash	ley Giovengo			2/19/2025 8:38:22AM
		BH03-0'				
		E502119-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: SL			Batch: 2507108
Benzene	17.7	0.500	20	02/14/25	02/15/25	
Ethylbenzene	60.7	0.500	20	02/14/25	02/15/25	
°oluene	242	0.500	20	02/14/25	02/15/25	
o-Xylene	72.8	0.500	20	02/14/25	02/15/25	
o,m-Xylene	227	1.00	20	02/14/25	02/15/25	
Total Xylenes	300	0.500	20	02/14/25	02/15/25	
urrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	2650	400	20	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	34900	250	10	02/14/25	02/14/25	Т9
Dil Range Organics (C28-C36)	12100	500	10	02/14/25	02/14/25	
Surrogate: n-Nonane		901 %	61-141	02/14/25	02/14/25	<i>S5</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: AK		Batch: 2507125
Chloride	156	20.0	1	02/14/25	02/15/25	
nioride	150	20.0	1	02/14/25	02/15/25	



	Si	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Numbe		ie West Tank Ba 03-0002	attery		Reported:
Dallas TX, 75240		2/19/2025 8:38:22AM				
		BH03-2'				
		E502119-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: SL			Batch: 2507108
Benzene	0.214	0.0500	2	02/14/25	02/15/25	
Ethylbenzene	2.54	0.0500	2	02/14/25	02/15/25	
Toluene	4.67	0.0500	2	02/14/25	02/15/25	
p-Xylene	3.70	0.0500	2	02/14/25	02/15/25	
o,m-Xylene	10.8	0.100	2	02/14/25	02/15/25	
Total Xylenes	14.5	0.0500	2	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	136	40.0	2	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV		Batch: 2507119	
Diesel Range Organics (C10-C28)	2510	25.0	1	02/14/25	02/14/25	Т9
Dil Range Organics (C28-C36)	960	50.0	1	02/14/25	02/14/25	
Surrogate: n-Nonane		145 %	61-141	02/14/25	02/14/25	\$5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2507125
Chloride	70.3	20.0	1	02/14/25	02/15/25	



	Di	ample D	ala			
Matador Resources, LLC.	Project Name:	Lesl	ie West Tank Batte	ery		
5400 LBJ Freeway, Suite 1500	Project Numbe	er: 230	03-0002		Reported:	
Dallas TX, 75240	Project Manag	er: Ash	ley Giovengo			2/19/2025 8:38:22AM
		BH04-0'				
		E502119-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: SL			Batch: 2507108
Benzene	8.52	0.500	20	02/14/25	02/15/25	
Ethylbenzene	80.8	0.500	20	02/14/25	02/15/25	
Toluene	231	0.500	20	02/14/25	02/15/25	
p-Xylene	107	0.500	20	02/14/25	02/15/25	
o,m-Xylene	334	1.00	20	02/14/25	02/15/25	
Fotal Xylenes	441	0.500	20	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	3540	400	20	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV		Batch: 2507119	
Diesel Range Organics (C10-C28)	38100	250	10	02/14/25	02/14/25	Т9
Dil Range Organics (C28-C36)	13900	500	10	02/14/25	02/14/25	
Surrogate: n-Nonane		792 %	61-141	02/14/25	02/14/25	<i>S5</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: AK		Batch: 2507125
Chloride	612	20.0	1	02/14/25	02/15/25	



	a	ample D	ala				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name Project Num		ie West Tan 03-0002	k Batter	у		Reported:
Dallas TX, 75240	Project Mana	2/19/2025 8:38:22AM					
		BH04-2'					
		E502119-15					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507108	
Benzene	ND	0.0250	1		02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1		02/14/25	02/15/25	
Toluene	0.0275	0.0250	1		02/14/25	02/15/25	
p-Xylene	ND	0.0250	1		02/14/25	02/15/25	
o,m-Xylene	ND	0.0500	1		02/14/25	02/15/25	
Total Xylenes	ND	0.0250	1		02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		84.6 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: SL		Batch: 2507108		
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2507119	
Diesel Range Organics (C10-C28)	ND	25.0	1		02/14/25	02/15/25	
Dil Range Organics (C28-C36)	ND	50.0	1		02/14/25	02/15/25	
Surrogate: n-Nonane		118 %	61-141		02/14/25	02/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: A	AK		Batch: 2507125
Chloride	286	20.0	1		02/14/25	02/15/25	



	Sa	imple D	ala			
Matador Resources, LLC.	Project Name:		ie West Tank Ba	ttery		
5400 LBJ Freeway, Suite 1500	Project Numbe		03-0002			Reported:
Dallas TX, 75240	Project Manage	er: Ash	ey Giovengo			2/19/2025 8:38:22AM
		BH04-4'				
]	E502119-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: SL			Batch: 2507108
Benzene	ND	0.0250	1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/15/25	
Toluene	0.0678	0.0250	1	02/14/25	02/15/25	
-Xylene	0.0339	0.0250	1	02/14/25	02/15/25	
,m-Xylene	0.0750	0.0500	1	02/14/25	02/15/25	
Total Xylenes	0.109	0.0250	1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Batch: 2507119		
Diesel Range Organics (C10-C28)	182	25.0	1	02/14/25	02/14/25	
Dil Range Organics (C28-C36)	84.6	50.0	1	02/14/25	02/14/25	
urrogate: n-Nonane		120 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2507125
Chloride	351	20.0	1	02/14/25	02/15/25	



	0	ample D	ala				
Matador Resources, LLC.	Project Name		ie West Ta	nk Batte	ery		
5400 LBJ Freeway, Suite 1500	Project Numb		03-0002	Reported:			
Dallas TX, 75240	Project Mana	ger: Ash	ley Gioven	go			2/19/2025 8:38:22AN
		BH04-5'					
		E502119-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: SL		Batch: 2507108
Benzene	ND	0.0250		1	02/14/25	02/15/25	
Ethylbenzene	ND	0.0250		1	02/14/25	02/15/25	
Toluene	0.0399	0.0250		1	02/14/25	02/15/25	
p-Xylene	ND	0.0250		1	02/14/25	02/15/25	
o,m-Xylene	ND	0.0500		1	02/14/25	02/15/25	
Fotal Xylenes	ND	0.0250		1	02/14/25	02/15/25	
Surrogate: 4-Bromochlorobenzene-PID		85.0 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2507108
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/14/25	02/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130		02/14/25	02/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2507119
Diesel Range Organics (C10-C28)	29.1	25.0		1	02/14/25	02/15/25	
Dil Range Organics (C28-C36)	ND	50.0		1	02/14/25	02/15/25	
Surrogate: n-Nonane		104 %	61-141		02/14/25	02/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2507125
Chloride	505	20.0		1	02/14/25	02/15/25	



OC Summary Data

		<u><u><u>v</u></u><u>v</u><u>v</u></u>							
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West Tan 23003-0002 Ashley Gioveng	-				Reported: 2/19/2025 8:38:22AM
		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 (2507108-BLK1)							Prepared: 0	2/14/25	Analyzed: 02/15/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.46		8.00		80.8	70-130			
LCS (2507108-BS1)							Prepared: 0	2/14/25	Analyzed: 02/15/25
Benzene	4.93	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.70	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.47		8.00		80.9	70-130			
LCS Dup (2507108-BSD1)							Prepared: 0	2/14/25	Analyzed: 02/15/25
Benzene	4.99	0.0250	5.00		99.7	70-130	1.21	20	
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130	1.82	20	
Toluene	4.93	0.0250	5.00		98.6	70-130	1.52	20	
p-Xylene	4.77	0.0250	5.00		95.5	70-130	1.61	20	
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	1.94	20	
Total Xylenes	14.5	0.0250	15.0		96.7	70-130	1.83	20	
Surrogate: 4-Bromochlorobenzene-PID	6.49		8.00		81.2	70-130			



QC Summary Data

		QU L	Jumm	ary Data	u				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number Project Manage	:	Leslie West Tan 23003-0002 Ashley Gioveng	2				Reported: 2/19/2025 8:38:22AM
Dunus 177, 75240	No	onhalogenated			-	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507108-BLK1)							Prepared: 0	2/14/25 A	nalyzed: 02/15/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
LCS (2507108-BS2)							Prepared: 0	2/14/25 A	nalyzed: 02/15/25
Gasoline Range Organics (C6-C10)	38.9	20.0	50.0		77.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
LCS Dup (2507108-BSD2)							Prepared: 0	2/14/25 A	nalyzed: 02/15/25
Gasoline Range Organics (C6-C10)	39.5	20.0	50.0		79.0	70-130	1.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			



QC Summary Data

		QC D	u111111	ily Data	4				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	23	eslie West Tanl 3003-0002					Reported:
Dallas TX, 75240		Project Manager:	А	shley Gioveng	0				2/19/2025 8:38:22AM
	Nonh	alogenated Org	anics by	EPA 8015D	- 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 (2507119-BLK1)							Prepared: 0	2/14/25 A	nalyzed: 02/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
lurrogate: n-Nonane	57.7		50.0		115	61-141			
LCS (2507119-BS1)							Prepared: 0	2/14/25 A	nalyzed: 02/14/25
Diesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
Surrogate: n-Nonane	58.4		50.0		117	61-141			
LCS Dup (2507119-BSD1)							Prepared: 0	2/14/25 A	nalyzed: 02/14/25
Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144	2.98	20	
Surrogate: n-Nonane	58.3		50.0		117	61-141			



QC Summary Data

		QU N								
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager		Leslie West Tan 23003-0002 Ashley Gioveng	2				Repo 2/19/2025	
		Anions	by EPA	300.0/90564	4				Analyst:	AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %	t	lotes
Blank (2507125-BLK1)							Prepared: 0	2/14/25	Analyzed: 02	2/14/25
Chloride	ND	20.0								
LCS (2507125-BS1)							Prepared: 0	2/14/25	Analyzed: 02	2/14/25
Chloride	252	20.0	250		101	90-110				
Matrix Spike (2507125-MS1)				Source:	E502119-0)9	Prepared: 0	2/14/25	Analyzed: 02	2/14/25
Chloride	340	20.0	250	83.2	103	80-120				
Matrix Spike Dup (2507125-MSD1)				Source:	E502119-0)9	Prepared: 0	2/14/25	Analyzed: 02	2/14/25
Chloride	340	20.0	250	83.2	103	80-120	0.0544	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:	Leslie West Tank Battery	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/19/25 08:38

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

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

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: 7/18/2025 9:57:55 AM

	Clie	nt Inform	ation			Invoice Inform	ation				Lab	Use C	Dnly				TAT			State	•						
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	3122 Nation					one: 575-988-0055						<u> </u>	nalysi	s and	Met	hod		-+		PA Progra							
	e, Zip: Carls		88220			Email: agiovengo@ensolum.com													SDWA CWA RCRA								
	575-988-0055 giovengo@ei			Miscellaneous:																					Complian	ce Y	or N
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Chain of Custody

		Clien	t Inform	ation		Invoice Information Lab Use Only					La	b Use	onl	Only TAT					State				
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	gioven	gowen	solum.cc	<u>////</u>	··· ·		. .		8015	8015			a		~	<u>ه</u>			PWSID	#			
			<u></u>		Sam	ple Informati	on			- <u>À</u>	₽ P	8021	8260	30	NN.	<u>5</u>	Meta						
Time Sampled	Date Sa	ampled	Matrix	No. of Containers			Sample ID	Field Filter	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remark	s	
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Matador Resources, LLC. Da	ate Received:	02/14/25	08:00	Work Order ID:	E502119
Phone:	(972) 371-5200 Da	ate Logged In:	02/13/25	15:59	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com De	le Date:	02/20/25	17:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	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	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re		Yes			
12 16	minutes of sampling	40	a			
	visible ice, record the temperature. Actual sample ter	nperature: <u>4°</u>	<u>L</u>			
	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?	11 10	Yes			
	appropriate volume/weight or number of sample containers	conlected?	Yes			
Field La		- t i				
	b field sample labels filled out with the minimum inform Sample ID?	auoii.	Yes			
	Date/Time Collected?		No			
	Collectors name?		No			
Sample	Preservation					
	s the COC or field labels indicate the samples were prese	erved?	No			
22. Are s	sample(s) correctly preserved?		NA			
24 Is lak	o filteration required and/or requested for dissolved meta	ıls?	No			
27. 15 lat	ase Sample Matrix					
	the completers many than any phase is multiphase?		No			
<u>Multiph</u>	s the sample have more than one phase, i.e., multiphase?					
<u>Multiph</u> 26. Does	s, does the COC specify which phase(s) is to be analyzed	d?	NA			
Multiph 26. Does 27. If yes		d?	NA			
Multiph 26. Does 27. If yes Subcont	s, does the COC specify which phase(s) is to be analyzed		NA No			

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



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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:

Leslie West Tank Battery

Work Order: E502280

Job Number: 23003-0002

Received: 2/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/6/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/6/25

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

Project Name: Leslie West Tank Battery Workorder: E502280 Date Received: 2/28/2025 4:30:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/28/2025 4:30:00AM, under the Project Name: Leslie West Tank Battery.

The analytical test results summarized in this report with the Project Name: Leslie West Tank Battery 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com
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BH03-3'

		Sample Sum	mary		
Matador Resources, LLC.		Project Name:	Leslie West Tank B	attery	Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Reporteu.
Dallas TX, 75240		Project Manager:	Ashley Giovengo		03/06/25 13:26
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-6'	E502280-01A	Soil	02/26/25	02/28/25	Glass Jar, 2 oz.

02/26/25

02/28/25

Glass Jar, 2 oz.

Soil

E502280-02A

		ampie D					
Matador Resources, LLC.	Project Name:	Lesl	ie West Tan	k Battery			
5400 LBJ Freeway, Suite 1500	Project Numbe	er: 2300	03-0002				Reported:
Dallas TX, 75240	Project Manag	ger: Ash	ley Gioveng	3/6/2025 1:26:09PM			
		BH01-6'					
		E502280-01					
		Reporting					
Analyte	Result	Limit	Dilu	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2509119
Benzene	ND	0.0250	1		28/25	03/05/25	
Ethylbenzene	ND	0.0250	1	02/	28/25	03/05/25	
Toluene	ND	0.0250	1	02/	28/25	03/05/25	
p-Xylene	ND	0.0250	1	02/	28/25	03/05/25	
o,m-Xylene	ND	0.0500	1	02/	28/25	03/05/25	
Total Xylenes	ND	0.0250	1	02/	28/25	03/05/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	02/	28/25	03/05/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	02/	28/25	03/05/25	
Surrogate: Toluene-d8		96.4 %	70-130	02/	28/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2509119
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/	28/25	03/05/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	02/	28/25	03/05/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	02/	28/25	03/05/25	
Surrogate: Toluene-d8		96.4 %	70-130	02/	28/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg	1	Analyst: KH			Batch: 2509115
Diesel Range Organics (C10-C28)	ND	25.0	1	02/	28/25	03/01/25	
Dil Range Organics (C28-C36)	ND	50.0	1	02/	28/25	03/01/25	
Surrogate: n-Nonane		108 %	61-141	02/	28/25	03/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2509110
Chloride	ND	20.0	1	02/	28/25	02/28/25	

Sample Data



Sample Data

	2	ample D	ala			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name Project Numl Project Mana	ber: 2300	ie West Tank 03-0002 ey Giovengo			Reported: 3/6/2025 1:26:09PM
		BH03-3'				
		E502280-02				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2509119
Benzene	ND	0.0250	1	02/28/25	03/05/25	
Ethylbenzene	ND	0.0250	1	02/28/25	03/05/25	
oluene	ND	0.0250	1	02/28/25	03/05/25	
-Xylene	ND	0.0250	1	02/28/25	03/05/25	
o,m-Xylene	ND	0.0500	1	02/28/25	03/05/25	
Total Xylenes	ND	0.0250	1	02/28/25	03/05/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	02/28/25	03/05/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	02/28/25	03/05/25	
Surrogate: Toluene-d8		96.8 %	70-130	02/28/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2509119
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/25	03/05/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	02/28/25	03/05/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	02/28/25	03/05/25	
urrogate: Toluene-d8		96.8 %	70-130	02/28/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: KH		Batch: 2509115
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/25	03/01/25	
Dil Range Organics (C28-C36)	ND	50.0	1	02/28/25	03/01/25	
Surrogate: n-Nonane		106 %	61-141	02/28/25	03/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: IY		Batch: 2509110
Chloride	47.4	20.0	1	02/28/25	02/28/25	



QC Summary Data

		QC SI		i y Duu							
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	23	eslie West Tan 003-0002					Reported:		
Dallas TX, 75240		Project Manager:	As	shley Gioveng	go			3	6/2025 1:26:09PM		
		Volatile Organic	Compo	unds by EI	PA 82601	3			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 (2509119-BLK1)							Prepared: 0	2/28/25 Ana	alyzed: 03/05/25		
Benzene	ND	0.0250					_		-		
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130					
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130					
LCS (2509119-BS1)							Prepared: 0	2/28/25 Ana	alyzed: 03/05/25		
Benzene	2.25	0.0250	2.50		90.1	70-130					
Ethylbenzene	2.15	0.0250	2.50		85.9	70-130					
Toluene	2.09	0.0250	2.50		83.8	70-130					
o-Xylene	2.04	0.0250	2.50		81.6	70-130					
p,m-Xylene	4.08	0.0500	5.00		81.6	70-130					
Total Xylenes	6.12	0.0250	7.50		81.6	70-130					
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130					
Surrogate: Toluene-d8	0.474		0.500		94.8	70-130					
Matrix Spike (2509119-MS1)				Source:	E502281-0)4	Prepared: 0	2/28/25 Ana	alyzed: 03/05/25		
Benzene	2.35	0.0250	2.50	ND	94.1	48-131					
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135					
Toluene	2.26	0.0250	2.50	ND	90.2	48-130					
o-Xylene	2.27	0.0250	2.50	ND	90.8	43-135					
p,m-Xylene	4.55	0.0500	5.00	ND	91.0	43-135					
Total Xylenes	6.82	0.0250	7.50	ND	91.0	43-135					
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130					
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130					
Matrix Spike Dup (2509119-MSD1)				Source:	E502281-()4	Prepared: 0	2/28/25 Ana	alyzed: 03/05/25		
Benzene	2.44	0.0250	2.50	ND	97.5	48-131	3.49	23			
Ethylbenzene	2.38	0.0250	2.50	ND	95.0	45-135	2.80	27			
Toluene	2.32	0.0250	2.50	ND	92.9	48-130	2.93	24			
o-Xylene	2.30	0.0250	2.50	ND	91.9	43-135	1.14	27			
p,m-Xylene	4.60	0.0500	5.00	ND	92.0	43-135	1.01	27			
Total Xylenes	6.90	0.0250	7.50	ND	91.9	43-135	1.05	27			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130					
			0.500		96.7	70-130					
Surrogate: Toluene-d8	0.484		0.500		90./	/1/-1.30					



QC Summary Data

		QC DI		aly Data						
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West Tank 23003-0002 Ashley Giovengo			Reported: 3/6/2025 1:26:09PM			
	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 (2509119-BLK1)							Prepared: 0	2/28/25	Analyzed: 03/05/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130				
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130				
LCS (2509119-BS2)							Prepared: 0	2/28/25	Analyzed: 03/05/25	
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130				
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130				
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130				
Matrix Spike (2509119-MS2)				Source: E	502281-0)4	Prepared: 0	2/28/25	Analyzed: 03/05/25	
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.6	70-130				
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130				
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130				
Matrix Spike Dup (2509119-MSD2)				Source: E	2502281-0)4	Prepared: 0	2/28/25	Analyzed: 03/05/25	
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.2	70-130	0.621	20		
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130				
			0 500		015	50 100				
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130				



QC Summary Data

		VC D	umm	aly Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West Tank 3003-0002 Ashley Giovengo	2				Reported: 3/6/2025 1:26:09PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2509115-BLK1)							Prepared: 02	2/28/25 A	nalyzed: 02/28/25
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			
LCS (2509115-BS1)							Prepared: 02	2/28/25 A	analyzed: 02/28/25
Diesel Range Organics (C10-C28)	233	25.0	250		93.2	66-144			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			
Matrix Spike (2509115-MS1)				Source: E	502284-	05	Prepared: 02	2/28/25 A	analyzed: 02/28/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	53.0		50.0		106	61-141			
Matrix Spike Dup (2509115-MSD1)				Source: E	502284-	05	Prepared: 02	2/28/25 A	analyzed: 02/28/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	56-156	3.41	20	
Surrogate: n-Nonane	53.2		50.0		106	61-141			



QC Summary Data

		QU Ν	, and the second second						
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	-	Leslie West Tan 23003-0002 Ashley Gioveng	2				Reported: 3/6/2025 1:26:09PM
		Anions	by EPA	300.0/9056A	1				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2509110-BLK1)							Prepared: 0	2/28/25 A	analyzed: 02/28/25
Chloride	ND	20.0							
LCS (2509110-BS1)							Prepared: 0	2/28/25 A	analyzed: 02/28/25
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2509110-MS1)				Source:	E502279-	02	Prepared: 0	2/28/25 A	analyzed: 02/28/25
Chloride	655	20.0	250	407	99.1	80-120			
Matrix Spike Dup (2509110-MSD1)				Source:	E502279-	02	Prepared: 0	2/28/25 A	analyzed: 02/28/25
Chloride	667	20.0	250	407	104	80-120	1.80	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.



Matador Resources, LLC.	Project Name:	Leslie West Tank Battery	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/06/25 13:26

ND	Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.

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

Chain of Custody

	Clie	nt Inform	nation				Invo	oice Int	format	tion				La	ab Us	e On	ly				TAT			State				
lient: N	latador Prod	uction Co	ompany			Compan	y: Ense	olum L	LC		RU.	Lat	WO#	ŧ	3	Job	Numl	ber		1D	2D 3	St	d	NM	CO UT	TX	_	
roject:	Leslie West 1	ank Batt	ery			Address	: 3122	Natior	nal Par	ks Hwy	, iii		Soz:				3003					X		x				
roject N	lanager: Asł	nley Giove	engo			City, Sta	te, Zip:	Carlst	oad NN	1, 8822	0			and so						2053	1. A.S.							
ddress:	3122 Nation	nal Parks	Hwy		1000	Phone:	575-98	88-005	55		16					Ana	lysis	and	Meth	od			1	EP	A Progr	am	_	
ity, Stat	e, Zip: Carlsl	bad NM, a	88220			Email:	agiove	engo@e	ensolu	m.com													SD	WA	CWA	RCF	R	
hone: 5	75-988-0055	5			the state of the s	liscellan	1.35													175								
nail: a	giovengo@ei	nsolum.co	om									5.00	15	15								5	Com	plianc	e Y	or	N	
		(AR-RANK)	- Restauro		13. 19. 19. 19	-Development	NY MIN	150	1.00	1			y 80	/ 80	H		0.0	-	×	als			PW	SID #			T	
				Sam	ole Informa	tion							d D	q O	802	826	e 30(ZN-	05 - 1	Met								
Time ampled	Date Sampled	Matrix	No. of Containers			Sample ID				Field	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark	5			
12:39	2/26/2025	S	1			BH01	L - 6'					1				-		x										
13:18	2/26/2025	S	1			BH03	3 - 3'					2						x										
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	ensolum.con		authenticity	of this sample	e. I am aware t	hat tamper	ing with o	or intentio	onally mis	slabeling t	he sam	le location	, date c	or time	of colle	ection	is cons	idered	fraud a	nd may	/ be grou	nds fo	r legal ac	tion.				
1941. C.	Cole Burton						0			J											0		0					
	ed by: (Signatur	e)	Date		Time	Receiv	ved by: (§	Sighatur	e)		Date		Time					Sample	s requir	ng ther	nal preser	vation	nust be re	aceived or	ice the day	they are		
20	e pu	\sim	21	27/25	7:30	VVI	ichel	le G	ione	alec	2.	27.2	5 1	D4	5	1916		sample	d or rec	eived pa	cked in ice	e at an a	wg temp a	above 0 b	ut less than	6 °C on		
elindush	d by: (Signatur	8	Date		Time	Recen	verd by: S	Signatur	é) 0		Date		Time			10.34	27. 33					Lab	Use O	nly	2 10	10102		
arlin	maile of	Ponzal	8 2:	27.25	1230	la	hand	M.			2.2	.7.25	1	(ye	5			Rece	ived	on ic	e: (91	N					
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elinquish	ed by: (Signatur	e)	Date		Time	Receiv	ved by: (S	Signatur	e)		Date		Time								11							
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	oles are discard															losed (of at ti	he clie	nt exp	ense.	The rep	ort for	the and	alysis of	the abov	e sampl	es	
phicaple	only to those sa	imples rece	ivea by the	laboratory v	with this COC.	i ne liabilit	ly of the l	laborato	ory is lim	inted to th	ie amo	unt paid t	or on t	ne rep	ort.													

Received by OCD: 6/10/2025 9:55:45 AM

Page _

Envirotech Analytical Laboratory

	Matador Resources, LLC.	Date Received:	02/28/25	04:30		Work Order ID:	E502280
Phone:	(972) 371-5200	Date Logged In:	02/27/25	15:56		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/06/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
	e number of samples per sampling site location	match the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: (Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, re	quested analyses?	Yes	-			
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conduc i.e, 15 minute hold time, are not included in this dist		Yes			Commen	ts/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT	?	Yes				
Sample C	Cooler						
7. Was a s	ample cooler received?		Yes				
8. If yes, v	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				
	e sample received on ice? If yes, the recorded temp is Note: Thermal preservation is not required, if sampl minutes of sampling visible ice, record the temperature. Actual sar	es are received w/i 15	Yes				
Sample C	· •		<u> </u>				
	jueous 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 contain	ners?	Yes				
	ppropriate volume/weight or number of sample co		Yes				
Field Lat	el						
20. Were	field sample labels filled out with the minimum	information:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		Yes				
_	reservation_ the COC or field labels indicate the samples we	re preserved?	No				
	umple(s) correctly preserved?	re preserveu.	NA				
	filteration required and/or requested for dissolv	ed metals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., mult	iphase?	No				
	does the COC specify which phase(s) is to be a	-	NA				
			11/1				
	act Laboratory	watowy?	No				
7A ATE \$2	imples required to get sent to a subcontract labo	ratory (No				
	subcontract laboratory specified by the client a	nd if so who?	NA	Subcontract Lab	•• NIA		

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



envirotech Inc.





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:

Leslie West TB

Work Order: E504120

Job Number: 23003-0002

Received: 4/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/22/25

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: 4/22/25

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

Project Name: Leslie West TB Workorder: E504120 Date Received: 4/16/2025 8:00:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/16/2025 8:00:00AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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SS01a-0'

SS02a-0'

		Sample Sum	mary		
Matador Resources, LLC.		Project Name:	Leslie West TB		Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Keporteu.
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/22/25 12:06
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container

Soil

Soil

E504120-01A

E504120-02A

04/14/25

04/14/25

04/16/25

04/16/25

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Glass Jar, 2 oz.

Glass Jar, 2 oz.



	D	ampic D				
Matador Resources, LLC.	Project Name	e: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb	per: 230	03-0002			Reported:
Dallas TX, 75240	Project Mana	ger: Ash	ley Giovengo			4/22/2025 12:06:06PM
		SS01a-0'				
		E504120-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2516052
Benzene	ND	0.0250	1	04/16/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/16/25	04/18/25	
Toluene	ND	0.0250	1	04/16/25	04/18/25	
p-Xylene	ND	0.0250	1	04/16/25	04/18/25	
o,m-Xylene	ND	0.0500	1	04/16/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/16/25	04/18/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/16/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2516052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/16/25	04/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	04/16/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2516057
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/25	04/17/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/16/25	04/17/25	
Surrogate: n-Nonane		107 %	61-141	04/16/25	04/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2516054
Chloride	268	20.0	1	04/16/25	04/16/25	





Sample Data

	3	ample D	ลเล			
Matador Resources, LLC.	Project Name:		ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb		03-0002			Reported:
Dallas TX, 75240	Project Manag	ger: Ash	ley Giovengo			4/22/2025 12:06:06PM
		SS02a-0'				
		E504120-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2516052
Benzene	ND	0.0250	1	04/16/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/16/25	04/18/25	
Toluene	ND	0.0250	1	04/16/25	04/18/25	
-Xylene	ND	0.0250	1	04/16/25	04/18/25	
o,m-Xylene	ND	0.0500	1	04/16/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/16/25	04/18/25	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/16/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2516052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/16/25	04/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	04/16/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2516057
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/25	04/17/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/16/25	04/17/25	
urrogate: n-Nonane		110 %	61-141	04/16/25	04/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2516054
Chloride	31.0	20.0	1	04/16/25	04/16/25	



QC Summary Data

		QC BI	111111a	ii y Data	u				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	23	eslie West TB 003-0002 shley Gioveng	<u>;</u> 0				Reported: 4/22/2025 12:06:06PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2516052-BLK1)							Prepared: 0	4/16/25 A	nalyzed: 04/17/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.98	010220	8.00		99.8	70-130			
LCS (2516052-BS1)							Prepared: 0	4/16/25 A	nalyzed: 04/18/25
Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			
Matrix Spike (2516052-MS1)				Source:	E504123-	04	Prepared: 0	4/16/25 A	nalyzed: 04/18/25
Benzene	5.64	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.57	0.0250	5.00	ND	111	70-130			
o-Xylene	5.41	0.0250	5.00	ND	108	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			
Matrix Spike Dup (2516052-MSD1)				Source:	E504123-	04	Prepared: 0	4/16/25 A	nalyzed: 04/18/25
			5.00	ND	116	70-130	2.96	27	
Benzene	5.81	0.0250	5.00	ND	110		2.70	27	
	5.81 5.63	0.0250 0.0250	5.00	ND	113	70-130	3.07	26	
Benzene									
Benzene Ethylbenzene	5.63	0.0250	5.00	ND	113	70-130	3.07	26	
Benzene Ethylbenzene Toluene	5.63 5.74	0.0250 0.0250	5.00 5.00	ND ND	113 115	70-130 70-130	3.07 3.02	26 20	
Benzene Ethylbenzene Toluene o-Xylene	5.63 5.74 5.59	0.0250 0.0250 0.0250	5.00 5.00 5.00	ND ND ND	113 115 112	70-130 70-130 70-130	3.07 3.02 3.24	26 20 25	



QC Summary Data

		QC S	uIIIIIiii	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West TB 3003-0002 .shley Giovengo					Reported: 4/22/2025 12:06:06PM
	No	nhalogenated O	Organics	by EPA 801	5D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2516052-BLK1)							Prepared: 0	4/16/25 A	nalyzed: 04/17/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			
LCS (2516052-BS2)							Prepared: 0	4/16/25 A	nalyzed: 04/18/25
Gasoline Range Organics (C6-C10)	35.0	20.0	50.0		70.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike (2516052-MS2)				Source: E	504123-0	04	Prepared: 0	4/16/25 A	analyzed: 04/18/25
Gasoline Range Organics (C6-C10)	35.5	20.0	50.0	ND	71.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
Matrix Spike Dup (2516052-MSD2)				Source: E	504123-0	04	Prepared: 0	4/16/25 A	analyzed: 04/18/25
Gasoline Range Organics (C6-C10)	35.6	20.0	50.0	ND	71.2	70-130	0.342	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			



QC Summary Data

		QC BI	umm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West TB 3003-0002 Ashley Giovengo					Reported: 4/22/2025 12:06:06PM
	Nonh	alogenated Orga	anics by	EPA 8015D	- DRO	/ORO			Analyst: HM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	шеке	ing/kg	ing kg	шgжg	70	70	70	70	Notes
Blank (2516057-BLK1)							Prepared: 0	4/16/25 A	analyzed: 04/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	61-141			
LCS (2516057-BS1)							Prepared: 0	4/16/25 A	analyzed: 04/16/25
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			
Matrix Spike (2516057-MS1)				Source: E	504120-	01	Prepared: 0	4/16/25 A	analyzed: 04/16/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	56-156			
Surrogate: n-Nonane	54.2		50.0		108	61-141			
Matrix Spike Dup (2516057-MSD1)				Source: E	504120-	01	Prepared: 0	4/16/25 A	analyzed: 04/16/25
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156	1.85	20	
Surrogate: n-Nonane	54.1		50.0		108	61-141			



QC Summary Data

Matadan Desaumos LLC District VI Loslie West	at TB				
Matador Resources, LLC.Project Name:Leslie West5400 LBJ Freeway, Suite 1500Project Number:23003-0002					Reported:
Dallas TX, 75240Project Manager:Ashley Gio	ovengo				4/22/2025 12:06:06P
Anions by EPA 300.0/90	056A				Analyst: DT
Analyte Reporting Spike Sour Result Limit Level Resu		Rec Limits	RPD	RPD Limit	
mg/kg mg/kg mg/kg mg/k	kg %	%	%	%	Notes
Blank (2516054-BLK1)			Prepared: 0	4/16/25	Analyzed: 04/16/25
Chloride ND 20.0					
LCS (2516054-BS1)			Prepared: 0	4/16/25	Analyzed: 04/16/25
Chloride 259 20.0 250	104	90-110			
Matrix Spike (2516054-MS1) Sou	urce: E504116-03		Prepared: 0	4/16/25	Analyzed: 04/16/25
Chloride 257 20.0 250 ND	D 103	80-120			
Matrix Spike Dup (2516054-MSD1) Sou	urce: E504116-03		Prepared: 0	4/16/25	Analyzed: 04/16/25
Chloride 256 20.0 250 ND	D 102	80-120	0.230	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.



Matador Resources, LLC.	Project Name:	Leslie West TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/22/25 12:06

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

Client Information	Invoice Information			Lab Use Only								TAT	State
	Company: Ensolum LLC		Lab	wo#	ŧ		Job I	Num	ber		1D 2) 3D Sto	
ect: Leslie West TB	Address: 3122 National Parks Hwy			564	12()	230	03.	ber CDD	2		X	X
ect Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220)											
ress: 3122 National Parks Hwy	Phone: 575-988-0055						Ana	lysis	and I	/leth	od	- 	EPA Program
, State, Zip: Carlsbad NM, 88220		Email: agiovengo@ensolum.com											SDWA CWA RCRA
ne: 575-988-0055	Miscellaneous:	Miscellaneous:											Compliance Y or N
ill: agiovengo@ensolum.com				3015	3015			_					Compliance Y or N PWSID #
Sample	Information			- Å	3 hd	51	92	8 0 0	Σ	ř	letal		
me Date Sampled Matrix No. of opled		Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Remarks
:40 4/14/2025 S 1	SS01a - 0'		1				_	0	X		-		
:35 ^{4/14/2025} S 1	SS02a - 0'		2						x			++-	
				\uparrow					-				-
				1									
				\uparrow	┢							-+	
	······································												
				1-									
					<u> </u>								
litional Instructions: Please CC: agiovengo@e	nsolum.com, chamilton@ensolum.com, ies	strell	a@ensol	_l	com,	bsim	imon	s@e	nsolu	m.co	om, jgo	onzalez@e	nsolum.com
ld sampler), attest to the validity and authenticity of this sample. Sled by: Higinio Gonzalez, Aboubakar Kone	I am aware that tampering with or intentionally mislabeling	the san	nple locatio	on, date	or tim	e of co	llection	n is co	nsidere	l fraud	l and ma	y be grounds f	or legal action.
nquished by: (Signature) Date Th 4-15-25	ne Raceived by: (Signature) Michelle/Gonzales	Date 4-	1525	Time	DIS	5				f or rec	eived pac		must be received on ice the day they are avg temp above 0 but less than 6 °C on
reuished bar (Stopsture) A Date Ti		Date	15.X	Time					Rece	ived	on ice	\sim	Jse Only N
Date U. ISignature)	12/3 (A This Mar	Date 4.	16-25	Time S	∞				<u>11</u>			<u>T2</u>	<u>T3</u>
iquished by: (Signature) Date Ti	ne Received by: (Signature)	Date		Time					AVG			<u>Ч</u>	
ole Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _ e: Samples are discarded 14 days after results are reported	lunlars other errorsements are made literardour and											s, v - VOA	t for the analysis of the above

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Matador Resources, LLC. Dat	te Received:	04/16/25	08:00	Work Order ID:	E504120
Phone:	(972) 371-5200 Dat	te Logged In:	04/15/25	12:18	Logged In By:	Caitlin Mars
Email:		e Date:		17:00 (4 day TAT)		
Chain o	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match t	he COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comment	ts/Resolution
Samnle	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	· •					
	sample cooler received?		Yes			
	, was cooler received in good condition?		Yes			
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
-	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample tem	perature: 4°	С			
	<u>Container</u>	· · · · · _				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La	ibel					
	e field sample labels filled out with the minimum informa	tion:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
	Preservation		Yes			
_	s the COC or field labels indicate the samples were preser	ved?	No			
	sample(s) correctly preserved?		NA			
	b filtration required and/or requested for dissolved metals	?	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyzed	?	NA			
	tract Laboratory					
	samples required to get sent to a subcontract laboratory?		No			
			110			

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



envirotech Inc.





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:

Leslie West TB

Work Order: E504238

Job Number: 23003-0002

Received: 4/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/30/25

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: 4/30/25

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

Project Name: Leslie West TB Workorder: E504238 Date Received: 4/24/2025 7:15:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2025 7:15:00AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

		Sample Sum	mary		
Matador Resources, LLC.		Project Name:	Leslie West TB		Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Keporteu:
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/30/25 08:16
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05-0'	E504238-01A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
BH05-2'	E504238-02A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.



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		L				
Matador Resources, LLC.	Project Name:	: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb	er: 230	03-0002			Reported:
Dallas TX, 75240	Project Manag	ger: Ash	ley Giovengo			4/30/2025 8:16:44AN
		BH05-0'				
		E504238-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2517075
Benzene	ND	0.0500	2	04/24/25	04/24/25	
Ethylbenzene	ND	0.0500	2	04/24/25	04/24/25	
Toluene	ND	0.0500	2	04/24/25	04/24/25	
o-Xylene	ND	0.0500	2	04/24/25	04/24/25	
o,m-Xylene	ND	0.100	2	04/24/25	04/24/25	
Total Xylenes	ND	0.0500	2	04/24/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2517075
Gasoline Range Organics (C6-C10)	ND	40.0	2	04/24/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: HM		Batch: 2517077
Diesel Range Organics (C10-C28)	2550	25.0	1	04/24/25	04/26/25	
Dil Range Organics (C28-C36)	988	50.0	1	04/24/25	04/26/25	
Surrogate: n-Nonane		98.0 %	61-141	04/24/25	04/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2517084
Chloride	196	20.0	1	04/24/25	04/24/25	

Sample Data



Sample Data

	3	ample D	ลเล			
Matador Resources, LLC.	Project Name		ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb		03-0002			Reported:
Dallas TX, 75240	Project Mana	ger: Ash	ley Giovengo			4/30/2025 8:16:44AM
		BH05-2'				
		E504238-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2517075
Benzene	ND	0.0250	1	04/24/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/24/25	
Toluene	ND	0.0250	1	04/24/25	04/24/25	
p-Xylene	ND	0.0250	1	04/24/25	04/24/25	
o,m-Xylene	ND	0.0500	1	04/24/25	04/24/25	
Fotal Xylenes	ND	0.0250	1	04/24/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2517075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2517077
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/26/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/26/25	
Surrogate: n-Nonane		99.5 %	61-141	04/24/25	04/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2517084
Chloride	ND	20.0	1	04/24/25	04/24/25	



QC Summary Data

	Project Name:	Le	slie West TB					
	Project Number: Project Manager:		003-0002 shley Gioveng	go				Reported: 4/30/2025 8:16:44AM
	Volatile O	rganics b	y EPA 802	21B				Analyst: IY
Recult	Reporting	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 04	4/24/25 A	nalyzed: 04/24/25
ND	0.0250							•
ND								
ND								
ND								
ND								
7.73		8.00		96.7	70-130			
						Prepared: 04	4/24/25 A	nalyzed: 04/24/25
4.66	0.0250	5.00		93.2	70-130			
4.62	0.0250	5.00		92.5	70-130			
4.66	0.0250	5.00		93.2	70-130			
4.63	0.0250	5.00		92.5	70-130			
9.25	0.0500	10.0		92.5	70-130			
13.9	0.0250	15.0		92.5	70-130			
8.15		8.00		102	70-130			
			Source:	E504237-0	02	Prepared: 04	4/24/25 A	nalyzed: 04/24/25
4.56	0.0250	5.00	ND	91.1	70-130			
4.52	0.0250	5.00	ND	90.3	70-130			
4.55	0.0250	5.00	ND	91.1	70-130			
4.50	0.0250	5.00	ND	90.0	70-130			
9.02	0.0500	10.0	ND	90.2	70-130			
13.5	0.0250	15.0	ND	90.1	70-130			
8.03		8.00		100	70-130			
			Source:	E504237-	02	Prepared: 04	4/24/25 A	nalyzed: 04/24/25
4.39	0.0250	5.00	ND	87.8	70-130	3.74	27	
4.38	0.0250	5.00	ND	87.5	70-130	3.14	26	
4.40	0.0250	5.00	ND	87.9	70-130	3.51	20	
4.36	0.0250	5.00	ND	87.2	70-130	3.15	25	
8.75	0.0500	10.0	ND	87.5	70-130	3.09	23	
13.1	0.0250	15.0	ND	87.4	70-130	3.11	26	
	ND ND ND ND ND ND ND 7.73 4.66 4.62 4.66 4.62 4.66 4.62 4.66 4.62 4.63 9.25 13.9 8.15 8.15 4.55 4.55 4.55 4.55 4.55 9.02 13.5 8.03 4.39 4.38 4.40 4.36 8.75	Result mg/kg Reporting Limit mg/kg ND 0.0250 7.73	Result mg/kg Reporting Limit mg/kg Spike Level mg/kg ND 0.0250 A.66 0.0250 4.66 0.0250 4.66 0.0250 5.00 4.63 4.66 0.0250 5.00 10.0 13.9 0.0250 8.15 8.00 4.56 0.0250 5.00 4.52 0.0250 5.00 4.53 0.0250 5.00 4.50 0.0250 5.00 4.50 0.0250 5.00 4.30 0.0250 5.00 4.39 0.0250 5.00 4.38 <td< td=""><td>Result mg/kg Reporting Limit mg/kg Spike Level mg/kg Source Result mg/kg ND 0.0250 mg/kg mg/kg ND 0.0250 mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 S.00 1.0 4.66 0.0250 5.00 4.63 4.66 0.0250 5.00 4.63 9.25 0.0500 10.0 13.9 0.0250 5.00 8.15 8.00 Source: 4.56 0.0250 5.00 ND 4.55 0.0250 5.00 ND 4.55 0.0250 5.00 ND 4.55 0.0250 5.00 ND 4.50 0.0250 5.00 ND 9.02 0.0500 10.0 ND 9.02 0.0500 15.0 ND</td><td>Result mg/kg Limit mg/kg Level mg/kg Result mg/kg Rec mg/kg ND 0.0250 mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 </td><td>Result mg/kg Reporting Limit Spike Level Source Result mg/kg Rec % Rec Limits % ND 0.0250 mg/kg % % ND 0.0250 % % % 4.66 0.0250 5.00 93.2 70-130 4.66 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 92.5 70-130 4.55 0.0250 5.00 92.5 70-130 4.55 0.0250 5.00 ND 90.3 70-130 8.15 8.00 102 70-130 4.55 0.0250 5.00 ND 90.1 70-130 4.55 <</td><td>Result Reporting Limit Spike mg/kg Source mg/kg Rec mg/kg Rec % Rec Limits RPD % ND 0.0250 mg/kg % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 Prepared: 0 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 96.7 70-130 4.66 0.0250 5.00 93.2 70-130 4.63 0.0250 5.00 92.5 70-130 4.63 0.0250 5.00 92.5 70-130 8.15 8.00 102 70-130 13.9 8.15 8.00 102 70-130 14.63 9.0250 15.0 92.5 70-130 14.54 4.55 0.0250 5.00 ND 90.1<!--</td--><td>Result mg/kg Spike Limit mg/kg Source mg/kg Rec Result mg/kg Rec Limits mg/kg RPD % RPD % RPD % RPD % ND 0.0250 mg/kg mg/kg % % % % ND 0.0250 nD 0.0250 nD Prepared: 04/24/25 A ND 0.0250 nD 0.0250 nD Prepared: 04/24/25 A 7.73 8.00 96.7 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 93.2 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.56 0.0250 5.00 ND 91.1 70-130 A 4.55 0.0250 5.00 ND 90.0 70</td></td></td<>	Result mg/kg Reporting Limit mg/kg Spike Level mg/kg Source Result mg/kg ND 0.0250 mg/kg mg/kg ND 0.0250 mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 S.00 1.0 4.66 0.0250 5.00 4.63 4.66 0.0250 5.00 4.63 9.25 0.0500 10.0 13.9 0.0250 5.00 8.15 8.00 Source: 4.56 0.0250 5.00 ND 4.55 0.0250 5.00 ND 4.55 0.0250 5.00 ND 4.55 0.0250 5.00 ND 4.50 0.0250 5.00 ND 9.02 0.0500 10.0 ND 9.02 0.0500 15.0 ND	Result mg/kg Limit mg/kg Level mg/kg Result mg/kg Rec mg/kg ND 0.0250 mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250	Result mg/kg Reporting Limit Spike Level Source Result mg/kg Rec % Rec Limits % ND 0.0250 mg/kg % % ND 0.0250 % % % 4.66 0.0250 5.00 93.2 70-130 4.66 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 92.5 70-130 4.55 0.0250 5.00 92.5 70-130 4.55 0.0250 5.00 ND 90.3 70-130 8.15 8.00 102 70-130 4.55 0.0250 5.00 ND 90.1 70-130 4.55 <	Result Reporting Limit Spike mg/kg Source mg/kg Rec mg/kg Rec % Rec Limits RPD % ND 0.0250 mg/kg % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 Prepared: 0 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 96.7 70-130 4.66 0.0250 5.00 93.2 70-130 4.63 0.0250 5.00 92.5 70-130 4.63 0.0250 5.00 92.5 70-130 8.15 8.00 102 70-130 13.9 8.15 8.00 102 70-130 14.63 9.0250 15.0 92.5 70-130 14.54 4.55 0.0250 5.00 ND 90.1 </td <td>Result mg/kg Spike Limit mg/kg Source mg/kg Rec Result mg/kg Rec Limits mg/kg RPD % RPD % RPD % RPD % ND 0.0250 mg/kg mg/kg % % % % ND 0.0250 nD 0.0250 nD Prepared: 04/24/25 A ND 0.0250 nD 0.0250 nD Prepared: 04/24/25 A 7.73 8.00 96.7 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 93.2 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.56 0.0250 5.00 ND 91.1 70-130 A 4.55 0.0250 5.00 ND 90.0 70</td>	Result mg/kg Spike Limit mg/kg Source mg/kg Rec Result mg/kg Rec Limits mg/kg RPD % RPD % RPD % RPD % ND 0.0250 mg/kg mg/kg % % % % ND 0.0250 nD 0.0250 nD Prepared: 04/24/25 A ND 0.0250 nD 0.0250 nD Prepared: 04/24/25 A 7.73 8.00 96.7 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 93.2 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.66 0.0250 5.00 92.5 70-130 Prepared: 04/24/25 A 4.56 0.0250 5.00 ND 91.1 70-130 A 4.55 0.0250 5.00 ND 90.0 70



QC Summary Data

		QC D	umm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/30/2025 8:16:44AM
	No	nhalogenated C	Organics	s by EPA 801:	5D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517075-BLK1)							Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			
LCS (2517075-BS2)							Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			
Matrix Spike (2517075-MS2)				Source: E	504237-	02	Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			
Matrix Spike Dup (2517075-MSD2)				Source: E	504237-	02	Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	2.20	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.7	70-130			



QC Summary Data

		QC D	u I I I I I I	laly Dala					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:		Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/30/2025 8:16:44AM
	Nonh	alogenated Org	anics b	y EPA 8015D -	- DRO	/ORO			Analyst: HM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517077-BLK1)							Prepared: 0	4/24/25 A	analyzed: 04/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0	50.0		120	61-141			
Surrogate: n-Nonane	59.8		50.0		120	01-141			
LCS (2517077-BS1)							Prepared: 0	4/24/25 A	analyzed: 04/25/25
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	66-144			
Surrogate: n-Nonane	46.2		50.0		92.5	61-141			
Matrix Spike (2517077-MS1)				Source: E	504235-	04	Prepared: 0	4/24/25 A	analyzed: 04/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156			
Surrogate: n-Nonane	47.6		50.0		95.1	61-141			
Matrix Spike Dup (2517077-MSD1)				Source: E	504235-	04	Prepared: 0	4/24/25 A	analyzed: 04/25/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	3.80	20	
Surrogate: n-Nonane	49.7		50.0		99.4	61-141			



QC Summary Data

		QU N	umm	ary Date	•				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Gioveng	0				Reported: 4/30/2025 8:16:44AM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517084-BLK1)							Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Chloride	ND	20.0							
LCS (2517084-BS1)							Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2517084-MS1)				Source: l	E504244-0	03	Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Chloride	3260	40.0	250	3230	14.6	80-120			M4
Matrix Spike Dup (2517084-MSD1)				Source: l	E504244-(03	Prepared: 0	4/24/25 A	Analyzed: 04/24/25
Chloride	3320	40.0	250	3230	36.7	80-120	1.68	20	M4

QC Summary Report Comment:

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



Page 107 of 217

Γ	Matador Resources, LLC.	Project Name:	Leslie West TB	
	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:16

Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The M4 associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Client: Matador Project: Leslie West TB Project: Leslie West TB Project
Project: Leslie West TB Address: 3122 National Parks Hwy X
Project Manager: Ashley Giovengo City, State, Zip: Carlsbad NM, 88220 City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous: Miscellaneous: SDWA CWA Image: Sampled Date Sampled Matrix Mor.of Containers Sample ID Image: More Sample ID Image: Matrix Nor.of Containers Sample ID
City, State, Zip: Carlsbad NM, 88220 Email: agiovengo@ensolum.com Phone: 575-988-0055 Miscellaneous: Email: agiovengo@ensolum.com Somple Information Sampled Date Sampled Matrix No. of Containers Sampled Information Sample ID BH05 - 0' I V(22/2025) S 1 BH05 - 0' I V(22/2025) S 1
Sampled Matrix No. of Containers Sample Information 15:32 4/22/2025 S 1 BH05 - 0' 1 Viscol and
Image: agiovengo@ensolum.com Sample Information Sample Information <td< td=""></td<>
Image: Second C interview Image: Second C interview Sample Information Time Sampled Date Sampled Matrix No. of Containers Sample ID Image: Second C interview Image: Second C interview Number O O O No. of Second C interview PWSID # 15:32 4/22/2025 S 1 BH05 - 0' 1 V V V V V 5.1
15:32 4/22/2025 S 1 BH05-0' I X 5.1
15:32 4/22/2025 S 1 BH05-0' I X 5.1
15:32 4/22/2025 S 1 BH05-0' I X 5.
15:34 4/22/2025 S 1 BH05 - 2' 2 X 4.5
Additional Instructions: Please CC: agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bsimmons@ensolum.com, jgonzalez@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.
ampled by:
Received by (Signature) Date Use Only Received by (Signature) Time Lab Use Only Received on ice: W/N
Received by: (Signature) Date Time Received by: (Signature) Date 4-23-25 Time 2200 Cuth Than 424.25 715 T1 T2 T3
telinquished by: (Signature) Date Time Received by: (Signature) Date Time AVG Temp °C
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - vOA
Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Matador Resources, LLC. Da	te Received:	04/24/25 0	07:15	Work Order ID: E504238
Phone:	(972) 371-5200 Da	te Logged In:	04/23/25 1	4:48	Logged In By: Caitlin Mars
Email:	agiovengo@ensolum.com Du	e Date:	04/30/25 1	7:00 (4 day TAT)	
Chain of	f Custody (COC)				
	the sample ID match the COC?		Yes		
	the number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		<u>Comments/Resolution</u>
Sample '	Turn Around Time (TAT)				
	the COC indicate standard TAT, or Expedited TAT?		Yes		Individual sample temperatures listed on
Sample	•				COC.
	sample cooler received?		Yes		
	, was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
	e custody/security seals present?		No		
	s, were custody/security seals intact?		NA		
-	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes		
	minutes of sampling				
13. If no	visible ice, record the temperature. Actual sample tem	perature:			
Sample	<u>Container</u>				
14. Are a	aqueous VOC samples present?		No		
15. Are V	VOC samples collected in VOA Vials?		NA		
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum information of the same set	ation:	v		
	Sample ID? Date/Time Collected?		Yes		
	Collectors name?		Yes Yes		
	Preservation		100		
	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
24. Is lat	b filtration required and/or requested for dissolved metals	s?	No		
<u>Multiph</u>	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
27. If yes	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
<u>Subcont</u>	tract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so	1 9		Subcontract Lab	214

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



envirotech Inc.

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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:

Leslie West TB

Work Order: E504133

Job Number: 23003-0002

Received: 4/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/23/25

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: 4/23/25

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

Project Name: Leslie West TB Workorder: E504133 Date Received: 4/17/2025 8:15:38AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/17/2025 8:15:38AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

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Envirotech Web Address: www.envirotech-inc.com

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		Sample Sum	mary		
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	Leslie West TB 23003-0002		Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/23/25 09:07
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container

Client Sample ID	Lab Sample ID Matrix	Sampled Received Container	
FS01-0.5'	E504133-01A Soil	04/15/25 04/17/25 Glass Jar, 2 oz.	
FS02-0.5'	E504133-02A Soil	04/15/25 04/17/25 Glass Jar, 2 oz.	



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	S	ample D	ata			
Matador Resources, LLC.	Project Name		ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb		03-0002			Reported:
Dallas TX, 75240	Project Mana	ger: Ash	ley Giovengo			4/23/2025 9:07:22AM
		FS01-0.5'				
		E504133-01				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2516065
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2516065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2516074
Diesel Range Organics (C10-C28)	231	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	74.1	50.0	1	04/17/25	04/18/25	
Surrogate: n-Nonane		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2516076
Chloride	40.9	20.0	1	04/17/25	04/17/25	



	5	ample D	ลเล			
Matador Resources, LLC.	Project Name	e: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb	ber: 230	03-0002			Reported:
Dallas TX, 75240	Project Mana	iger: Ash	ley Giovengo			4/23/2025 9:07:22AN
		FS02-0.5'				
		E504133-02				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2516065
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
p-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2516065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2516074
Diesel Range Organics (C10-C28)	47.0	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
Surrogate: n-Nonane		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2516076
Chloride	248	20.0	1	04/17/25	04/17/25	



QC Summary Data

		QU DI		ing Date					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	23	eslie West TB 8003-0002 shley Gioveng	go				Reported: 4/23/2025 9:07:22AM
		Volatile O	rganics t	oy EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2516065-BLK1)							Prepared: 0	4/17/25 A	nalyzed: 04/17/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			
LCS (2516065-BS1)							Prepared: 0	4/17/25 A	analyzed: 04/18/25
Benzene	4.68	0.0250	5.00		93.6	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.5	70-130			
Toluene	4.66	0.0250	5.00		93.2	70-130			
o-Xylene	4.63	0.0250	5.00		92.5	70-130			
p,m-Xylene	9.00	0.0500	10.0		90.0	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			
Matrix Spike (2516065-MS1)				Source:	E504134-	03	Prepared: 0	4/17/25 A	analyzed: 04/18/25
Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.03	0.0250	5.00	ND	101	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.02	0.0250	5.00	ND	100	70-130			
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			
Matrix Spike Dup (2516065-MSD1)				Source:	E504134-	03	Prepared: 0	4/17/25 A	analyzed: 04/18/25
Benzene	5.15	0.0250	5.00	ND	103	70-130	1.46	27	
Ethylbenzene	5.12	0.0250	5.00	ND	102	70-130	1.83	26	
-	5.14	0.0250	5.00	ND	103	70-130	1.75	20	
Toluene					100	70-130	1.93	25	
o-Xylene	5.12	0.0250	5.00	ND	102	/0-150	1.75	25	
	5.12 9.95	0.0250 0.0500	5.00 10.0	ND ND	102 99.5	70-130	1.93	23	
o-Xylene									



QC Summary Data

		QC S	umm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 3003-0002 Ashley Giovengo					Reported: 4/23/2025 9:07:22AM
	No	nhalogenated O	Organics	by EPA 801	5D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	0.0		0.0	0.0					
Blank (2516065-BLK1)							Prepared: 0	4/17/25 A	nalyzed: 04/17/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.8	70-130			
LCS (2516065-BS2)							Prepared: 0	4/17/25 A	nalyzed: 04/18/25
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.7	70-130			
Matrix Spike (2516065-MS2)				Source: E	504134-	03	Prepared: 0	4/17/25 A	nalyzed: 04/18/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			
Matrix Spike Dup (2516065-MSD2)				Source: E	504134-	03	Prepared: 0	4/17/25 A	nalyzed: 04/18/25
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130	0.377	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			



QC Summary Data

		QC S	u I I I I I I I	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West TB 3003-0002 .shley Giovengo					Reported: 4/23/2025 9:07:22AM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	шg/кg	ing/kg	iiig/kg	ing/kg	/0	/0	70	/0	notes
Blank (2516074-BLK1)							Prepared: 0	4/17/25 A	analyzed: 04/18/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	61-141			
LCS (2516074-BS1)							Prepared: 0	4/17/25 A	analyzed: 04/18/25
Diesel Range Organics (C10-C28)	304	25.0	250		121	66-144			
Surrogate: n-Nonane	55.9		50.0		112	61-141			
Matrix Spike (2516074-MS1)				Source: E	504136-	01	Prepared: 0	4/17/25 A	analyzed: 04/18/25
Diesel Range Organics (C10-C28)	370	25.0	250	104	107	56-156			
Surrogate: n-Nonane	55.7		50.0		111	61-141			
Matrix Spike Dup (2516074-MSD1)				Source: E	504136-	01	Prepared: 0	4/17/25 A	analyzed: 04/18/25
Diesel Range Organics (C10-C28)	355	25.0	250	104	100	56-156	4.26	20	
Surrogate: n-Nonane	54.3		50.0		109	61-141			



QC Summary Data

		QU D	u 111111	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	:	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/23/2025 9:07:22AM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2516076-BLK1)							Prepared: 0	4/17/25	Analyzed: 04/17/25
Chloride	ND	20.0							
LCS (2516076-BS1)							Prepared: 0	4/17/25	Analyzed: 04/17/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2516076-MS1)				Source: E	504134-	03	Prepared: 0	4/17/25	Analyzed: 04/17/25
Chloride	917	200	250	747	68.1	80-120			M2
Matrix Spike Dup (2516076-MSD1)				Source: E	504134-	03	Prepared: 0	4/17/25	Analyzed: 04/17/25
Chloride	982	200	250	747	93.8	80-120	6.76	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.



	Demitions		
Matador Resources, LLC.	Project Name:	Leslie West TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/23/25 09:07
	5		•

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

	Clier	nt Inform	ation			Invoice Informati	ion				La	b Us	e On	ly			0	TAT		State
Client: N	nt: Matador Company: Ensolum LLC								Lab	WO#	ŧ		Job N	lumb	ber		1D 2	3D St	d	NM CO UT TX
	Leslie West T	B			Ad	dress: 3122 National Park	s Hwy		E	WO#	113	3	230	EC	000	2		X		X
roject N	Aanager: Asł	nley Giov	engo		City	, State, Zip: Carlsbad NM	, 88220		1994	Les M		AN A				10		(199) And (199)		
ddress	3122 Nation	nal Parks	Hwy		Pho	one: 575-988-0055							Ana	ysis	and N	Neth	od			EPA Program
ity, Stat	e, Zip: Carls	bad NM,	88220		Em	ail: agiovengo@ensolun	n.com		2.5										S	DWA CWA RCRA
hone:	575-988-0055	5			Mis	cellaneous:			1000											
mail: a	giovengo@ei	nsolum.c	om							115	15									mpliance Y or N
		a fail and	13.1.0				10.46303	1.10	- 11 In	oy 80	oy 80	21	0	0.0	Σ	¥	tals		PV	NSID #
			1	Sample	Informatio	on	L			ROI	DRO I	y 80	y 826	de 30	- N	- 500	8 Me			Descela
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	1		Page
10:08	4/15/2025	S	1			FS01 - 0.5'			1						Х					
11:55	4/15/2025	S	1			FS02 - 0.5'			Ż						х					
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dditior	al Instructio	ns: Plea	ase CC: a	ngiovengo@er	isolum.co	m, chamilton@ensolum.c	om, iest	rella	@enso	lum.c	om,	bsim	mon	s@er	nsolu	m.co	om, jgc	onzalez@e	enso	lum.com
					am aware tha	t tampering with or intentionally mis	slabeling th	e sam	ple locatio	on, date	or time	e of co	llectior	is con	siderec	l fraud	l and ma	y be grounds	for leg	al action.
elinquish	:Higinio Go ed by: (Signatur		Dat		e	Received by: (Signature) Vichelle Gonz	lec	ate	(6.)5	Time	5	5								e received on ice the day they are np above 0 but less than 6 °C on
elimpuish	ed by (Signatur	e)	8 Dat			Beceived by: (Signafure)		ate	6-25	Time		2			suhseau			Lab		Only
elinquish	ed by: (Signatur	e) /	Dat	e Tim		Received by: (Signature)	1	ate		Time					Rece	ived	on ice		IN	
elinquish	ed by: (Signatur	romafe	Dati		200	Received by: (Signature)		1.1 Date	7.25	Time	813	>			<u>T1</u>		19	<u>T2</u>		<u> </u>
ample Ma	rix: S - Soil, Sd - So	olid Se - Shu	de A - Aqu	ieous O - Other				onta	ainer Tvr	pe:g-	glass	. D - D	poly/r		AVG			5, v - VOA	-	
					unless other	arrangements are made. Hazar													ort for	the analysis of the above
						this COC. The liability of the lab														·

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Matador Resources, LLC. D	ate Received:	04/17/25	08:15	Work Order ID:	E504133
Phone:	(972) 371-5200 D	ate Logged In:	04/16/25	15:11	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com D	le Date:	04/23/25	17:00 (4 day TAT)		
<u>Chain o</u>	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>					
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler_					
7. Was a	sample cooler received?		Yes			
8. If yes.	, was cooler received in good condition?		Yes			
9. Was ti	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample ter	nperature: 4°	С			
	Container		_			
	aqueous VOC samples present?		No			
15. Are `	VOC samples collected in VOA Vials?		NA			
16. Is th	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
18. Are	non-VOC samples collected in the correct containers?		Yes			
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes			
	abel					
Field La	e field sample labels filled out with the minimum inform	ation:				
20. Were	Sample ID?		Yes			
20. Were						
20. Were S	Date/Time Collected?		Yes			
20. Were S	Collectors name?		Yes Yes			
20. Were S J Sample	Collectors name? <u>Preservation</u>	rved?	Yes			
20. Were 5 1 0 <u>Sample</u> 21. Does	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese	erved?	Yes No			
20. Were 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?		Yes No NA			
20. Were 1 20. Were 21. Does 22. Are 24. Is lat	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal		Yes No			
20. Were 21. Does 22. Are 24. Is lat Multiph	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal pase Sample Matrix	s?	Yes No NA No			
20. Were 5 7 8 8 8 8 9 9 1. Does 21. Does 22. Are 24. Is lat Multiph 26. Does	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal <u>mase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	s?	Yes No No No			
20. Were 21. Does 22. Are = 24. Is lat Multiph 26. Does 27. If ye	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal <u>mase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze	s?	Yes No NA No			
20. Were 3 20. Were 5 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye Subcont	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal <u>mase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze <u>tract Laboratory</u>	s? d?	Yes No No No NA			
20. Were 3 20. Were 3 20. Are 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye Subcont 28. Are	Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal <u>mase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze	s? d?	Yes No No No	Subcontract Lab: NA		

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



envirotech Inc.

-





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:

Leslie West TB

Work Order: E504154

Job Number: 23003-0002

Received: 4/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/23/25

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: 4/23/25

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

Project Name: Leslie West TB Workorder: E504154 Date Received: 4/18/2025 8:15:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/18/2025 8:15:00AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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*		Sample Sum	mary		0
Matador Resources, LLC.		Project Name:	Leslie West TB		Depented
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/23/25 16:35
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03-1'	E504154-01A	Soil	04/16/25	04/18/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name	e: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Num	ber: 230	03-0002			Reported:
Dallas TX, 75240	Project Mana	ager: Ash	ley Giovengo			4/23/2025 4:35:37PN
		FS03-1'				
		E504154-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2516090
Benzene	ND	0.0250	1	04/18/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/18/25	04/18/25	
oluene	ND	0.0250	1	04/18/25	04/18/25	
)-Xylene	ND	0.0250	1	04/18/25	04/18/25	
o,m-Xylene	ND	0.0500	1	04/18/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/18/25	04/18/25	
urrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	04/18/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2516090
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/25	04/18/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	04/18/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2517009
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
urrogate: n-Nonane		99.3 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2516097
Chloride	47.7	20.0	1	04/18/25	04/18/25	



QC Summary Data

Leslie West TB 23003-0002 Ashley Giovena					Reported:
Ashley Giovens					
	go				4/23/2025 4:35:37PM
es by EPA 802	21B				Analyst: BA
Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	%	%	%	%	Notes
			Prepared: 0	4/18/25 A	Analyzed: 04/18/25
	98.1	70-130			
			Prepared: 0	4/18/25 A	Analyzed: 04/18/25
	92.9	70-130		-	
	93.1	70-130			
	92.9	70-130			
	92.4	70-130			
	90.7	70-130			
	91.3	70-130			
	97.3	70-130			
Source:	E504144-	05	Prepared: 0	4/18/25 A	Analyzed: 04/18/25
ND	93.6	70-130			
ND	93.5	70-130			
ND	93.5	70-130			
ND	92.9	70-130			
ND	91.1	70-130			
ND	91.7	70-130			
	106	70-130			
Source:	E504144-	05	Prepared: 0	4/18/25 A	Analyzed: 04/18/25
ND	97.5	70-130	4.02	27	
ND	97.6	70-130	4.29	26	
ND	97.6	70-130	4.38	20	
ND	97.0	70-130	4.32	25	
ND	94.9	70-130	4.01	23	
ND	95.6	70-130	4.12	26	
	100	70-130			
	Source Result mg/kg Source: ND ND ND ND ND ND ND ND ND ND ND ND ND	Source Result mg/kg Rec mg/kg 98.1 98.1 98.1 98.1 98.1 98.1 98.1 93.1 92.9 93.1 92.9 93.1 92.9 93.1 92.9 91.3 97.3 Source: E504144-1 ND 93.5 ND 93.5 ND 92.9 ND 91.7 106 10 Source: E504144-1 ND 91.7 106 10 91.7 106 ND 97.5 ND 97.6 ND 97.6 ND 97.0 ND 97.0 <td>Source Result mg/kg Rec Rec % Rec Limits % mg/kg % % 98.1 70-130 98.1 70-130 93.1 70-130 93.1 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 91.3 70-130 91.3 70-130 91.3 70-130 ND 93.5 70-130 ND 93.5 70-130 ND 91.7 70-130 ND 91.7 70-130 ND 91.7 70-130 ND 97.5 70-130 ND 97.5 70-130 ND 97.6 70-130 ND 97.6 70-130 ND 97.6 70-130 ND<td>Source Result mg/kg Rec Rec % Rec Limits % RPD % mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %</td><td>Source Result mg/kg Rec % Rec Limits % RPD % RPD Limit % mg/kg % % % % % % % % % % % Prepared: 04/18/25 A 98.1 70-130 Prepared: 04/18/25 A 92.9 70-130 Prepared: 04/18/25 A 92.9 70-130 92.9 70-130 A A 92.4 70-130 92.4 70-130 A A A 90.7 70-130 91.3 70-130 A A A A 97.3 70-130 Prepared: 04/18/25 A A ND<93.5</td> 70-130 Prepared: 04/18/25 A ND<93.5</td> 70-130 Prepared: 04/18/25 A ND<93.5	Source Result mg/kg Rec Rec % Rec Limits % mg/kg % % 98.1 70-130 98.1 70-130 93.1 70-130 93.1 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 92.9 70-130 91.3 70-130 91.3 70-130 91.3 70-130 ND 93.5 70-130 ND 93.5 70-130 ND 91.7 70-130 ND 91.7 70-130 ND 91.7 70-130 ND 97.5 70-130 ND 97.5 70-130 ND 97.6 70-130 ND 97.6 70-130 ND 97.6 70-130 ND <td>Source Result mg/kg Rec Rec % Rec Limits % RPD % mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %</td> <td>Source Result mg/kg Rec % Rec Limits % RPD % RPD Limit % mg/kg % % % % % % % % % % % Prepared: 04/18/25 A 98.1 70-130 Prepared: 04/18/25 A 92.9 70-130 Prepared: 04/18/25 A 92.9 70-130 92.9 70-130 A A 92.4 70-130 92.4 70-130 A A A 90.7 70-130 91.3 70-130 A A A A 97.3 70-130 Prepared: 04/18/25 A A ND<93.5</td> 70-130 Prepared: 04/18/25 A ND<93.5	Source Result mg/kg Rec Rec % Rec Limits % RPD % mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %	Source Result mg/kg Rec % Rec Limits % RPD % RPD Limit % mg/kg % % % % % % % % % % % Prepared: 04/18/25 A 98.1 70-130 Prepared: 04/18/25 A 92.9 70-130 Prepared: 04/18/25 A 92.9 70-130 92.9 70-130 A A 92.4 70-130 92.4 70-130 A A A 90.7 70-130 91.3 70-130 A A A A 97.3 70-130 Prepared: 04/18/25 A A ND<93.5



QC Summary Data

		QC D	umm	aly Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West TB 3003-0002 Ashley Giovengo)				Reported: 4/23/2025 4:35:37PM
	No	nhalogenated (Organics	by EPA 801	5D - GI	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	шgжg	ing/kg	mg/kg	mg/kg	70	70	70	70	Notes
Blank (2516090-BLK1)							Prepared: 0	4/18/25 A	nalyzed: 04/18/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			
LCS (2516090-BS2)							Prepared: 0	4/18/25 A	nalyzed: 04/18/25
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			
Matrix Spike (2516090-MS2)				Source: H	E504144-	05	Prepared: 0	4/18/25 A	analyzed: 04/18/25
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			
Matrix Spike Dup (2516090-MSD2)				Source: I	2504144-0	05	Prepared: 0	4/18/25 A	analyzed: 04/18/25
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.3	70-130	1.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

QC Summary Data

		QC DI	u I I I I I I	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:		Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/23/2025 4:35:37PM
	Nonh	alogenated Orga	anics b	y EPA 8015D -	- DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517009-BLK1)							Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	52.0		50.0		104	61-141			
LCS (2517009-BS1)							Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	256	25.0	250		103	66-144			
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			
Matrix Spike (2517009-MS1)				Source: E	504158-	01	Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	50.4		50.0		101	61-141			
Matrix Spike Dup (2517009-MSD1)				Source: E	504158-	01	Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	0.578	20	
Surrogate: n-Nonane	49.1		50.0		98.1	61-141			



QC Summary Data

		QC D	umm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	eslie West TB 3003-0002 Ashley Giovengo					Reported: 4/23/2025 4:35:37PM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2516097-BLK1)							Prepared: 0	4/18/25	Analyzed: 04/18/25
Chloride	ND	20.0							
LCS (2516097-BS1)							Prepared: 0	4/18/25	Analyzed: 04/18/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2516097-MS1)				Source: E	504152-0	02	Prepared: 0	4/18/25	Analyzed: 04/18/25
Chloride	712	20.0	250	449	106	80-120			
Matrix Spike Dup (2516097-MSD1)				Source: E	504152-0	02	Prepared: 0	4/18/25	Analyzed: 04/18/25
Chloride	716	20.0	250	449	107	80-120	0.459	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.



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Matador Resources, LLC.	Project Name:	Leslie West TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/23/25 16:35

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Released to Imagine: 7/18/2025 9:57:55 AM party in

Gity, State, Zip: Carlsbad NM, 88220 Andress: 3122 National Parks Hwy State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous: Sample Information Time Sample Information Sample Information Sample ID Date Sampled Matrix Inv.of Sample ID	NM CO UT TX
Address: 3122 National Parks Hwy City, State, Zio: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous: Sample Information Time Sampled Matrix Im.of Sample Information Sample ID Utilized and the sampled Matrix Im.of Sample ID Utilized and the sample Information Time Sample Information Time Sample Information Sample ID Utilized and the sample Information Time Sample Information Time Sample Information Sample ID Utilized and the sample Information Sample ID Utilized and the sample Information Time Sample Information Sample ID Utilized and the sample Information Sample ID Utilized and the sample Information Distribution Distribution Utilized and the sample Information Sample ID Utilized and the sample Information Sample ID Utilized and the sample Information	
Address: 3122 National Parks Hwv City, State, Zio: Carlsbad NM, 88220 Phone: 575-988-0055 Phone: 575-988-0055 Email: aglovengo@ensolum.com Phone: 575-988-0055 Miscellaneous: Email: aglovengo@ensolum.com Niscellaneous: Time Sampled Matrix Name Sample Information Time Sampled Matrix Number Sample ID V V V V 13:00 4/16/2025	EPA Proeram
City, State, Zio: Carlsbad NM, 88220 Phone: 575-988-0055 Email: aglovengo@ensolum.com Miscellaneous: Sample Information Time Sampled Date Sampled Matrix No. of Carlsbad Sample ID Date Sampled Matrix No. of Carlsbad Sample ID Date Sampled Matrix No. of Carlsbad Sample ID Date Sampled Matrix Number Sample ID Date Sampled Matrix Number Sample ID Date Sampl	EDA Droeram
Sample Miscellaneous: Sample Information Sample Information Time Sampled Date Sampled Matrix No. of Continees Sample ID Date Sampled Number Sample IN 13:00 4/16/2025 Containers Score 1 Score 2 Score 2 Score 2 Score 2	
Email: ariovengo@ensolum.com rive rive <td>SDWA CWA RCRA</td>	SDWA CWA RCRA
Sample Information Sample Information Sample Information Sample Information Time Sampled Date Sampled Matrix No. of Containers Sample ID Date Sample Information Sample ID Date Sample Information Sample ID Date Sampl	
Sample Information Time Sampled Date Sampled Matrix Im. of Contineers Sample ID Date Sample Information 13:09 4/16/2025 F	Compliance Y or N
13-09 4/36/2025	PWSID #
13-09 4/16/2025	Remarks
13-09 4/16/2025	Remarks
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Additional Instructions: Please CC: aglovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bsimmons@ensolum.com, jgonzalez@e	nsolum.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	or legal action.
Sampled by:Higinio Gorizalez	
Relinquished by: (Seasthere) Date Time Date Time Samples requiring thermal preservation is samples requiring thermal preservation is sampled or received packed in keret and	
References to the second of th	lse Only
Dation Technology (1998) - Date Time Designed by Alley Technology - Date Time	I T
Retin (Jighed by: (Sighstyre) U. U. 17.20 UOO autor 4. 18.25 815	тз
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time	<i>it</i>
AVG Temp °C 3.8	
Sample Matrix: 5 - Soil, 5d - Solid, 5g - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report	rt for the analysis of the above
samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	
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Page _____ of ____

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Matador Resources, LLC. Da	te Received:	04/18/25 08:1	15	Work Order ID: E504154
Phone:	(972) 371-5200 Da	te Logged In:	04/17/25 16:0)8	Logged In By: Noe Soto
Email:		e Date:	04/24/25 17:0	00 (4 day TAT)	
<u>Chain c</u>	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>
4. Was t	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
-	ne COC indicate standard TAT, or Expedited TAT?		Yes		Individual sample temperatures listed on
Sample			-		COC.
	a sample cooler received?		Yes		
	, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
	e custody/security seals present?		No		
	es, were custody/security seals intact?		NA		
-	the sample received on ice? If yes, the recorded temp is 4°C, i.e.,		Yes		
13. If no	Note: Thermal preservation is not required, if samples are recommutes of sampling o visible ice, record the temperature. Actual sample temperature.		8°C		
	Container	· · · · · <u></u>			
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
17. Was	non-VOC samples collected in the correct containers?		Yes		
18. Are	e appropriate volume/weight or number of sample containers	collected?	Yes		
18. Are		collected?	Yes		
18. Are 19. Is the Field La			Yes		
18. Are 19. Is the Field La 20. Were	abel		Yes Yes		
 18. Are 19. Is the Field L: 20. Were 	abel		Yes Yes		
 18. Are 19. Is the Field La 20. Were 	abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name?		Yes		
 18. Are 19. Is the Field La 20. Were 	abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	ation:	Yes Yes Yes		
 18. Are 19. Is the Field La 20. Were Sample 21. Doe: 	abel e field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese	ation:	Yes Yes Yes No		
 Are Is the Field La Were Sample Doc: Are 	abel e field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	ation: rved?	Yes Yes Yes No NA		
 Are Is the Field La Were Sample Doe: Are Are Is la 	abel e field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metals	ation: rved?	Yes Yes Yes No		
 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is la Multiph 	abel e field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metals mase Sample Matrix	ation: rved?	Yes Yes Yes No NA No		
 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is la Multiph 26. Does 	abel e field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metals nase Sample Matrix s the sample have more than one phase, i.e., multiphase?	ation: rved? s?	Yes Yes Yes No No No		
 Are Is the Field L: Were Were Were Doc: Doc: Are Are Is la Multiph Doc: Type 	abel abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metals mase Sample Matrix s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	ation: rved? s?	Yes Yes Yes No NA No		
 Are Is the Field La Were Were Were Sample Doe: Doe: Are Is la Multiph Doe: Type 	abel abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metals mase Sample Matrix s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyzed tract Laboratory .	ation: rved? s?	Yes Yes No NA No NA		
 Are Is the Field La Were Were Sample Doe: Are Are Multiph Doe: Type Subcom Are 	abel abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metals mase Sample Matrix s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	ation: rved? 5? 1?	Yes Yes Yes No NA No NA No	ibcontract Lab	

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



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name:

Leslie West TB

Work Order: E504162

Job Number: 23003-0002

Received: 4/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/24/25

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: 4/24/25

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

Project Name: Leslie West TB Workorder: E504162 Date Received: 4/21/2025 7:30:00AM

Ashley Giovengo,



Page 136 of 217

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2025 7:30:00AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mai y		
Matador Resources, LLC.		Project Name:	Leslie West TB		Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Reporteu.
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/24/25 13:04
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04-1'	E504162-01A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.
FS05-1'	E504162-02A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.
FS06-1'	E504162-03A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.
FS07-1'	E504162-04A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.
FS08-1'	E504162-05A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.
FS09-1'	E504162-06A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.
FS10-2'	E504162-07A	Solid	04/17/25	04/21/25	Glass Jar, 4 oz.
FS11-2'	E504162-08A	Solid	04/17/25	04/21/25	Glass Jar, 4 oz.
FS12-1'	E504162-09A	Soil	04/17/25	04/21/25	Glass Jar, 4 oz.



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Matador Resources, LLC.	Project Name	e: Les	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Num	ber: 230	23003-0002			Reported:
Dallas TX, 75240	Project Mana	ct Manager: Ashley Giovengo				4/24/2025 1:04:09PN
		FS04-1'				
		E504162-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2517006
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
p-Xylene	ND	0.0250	1	04/21/25	04/21/25	
o,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Fotal Xylenes	ND	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		85.7 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2517006
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: HM		Batch: 2517011
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
Surrogate: n-Nonane		96.0 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2517015
Chloride	4.46	2.00	0.1	04/21/25	04/21/25	

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Matador Resources, LLC.	Project Name	: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb	ber: 230	23003-0002 Ashley Giovengo			Reported:
Dallas TX, 75240	Project Mana	ger: Ash				4/24/2025 1:04:09PM
		FS05-1'				
		E504162-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2517006
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
p-Xylene	ND	0.0250	1	04/21/25	04/21/25	
o,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Fotal Xylenes	ND	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		85.2 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2517006
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2517011
Diesel Range Organics (C10-C28)	97.8	25.0	1	04/21/25	04/21/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
Surrogate: n-Nonane		94.4 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2517015
Chloride	47.8	2.00	0.1	04/21/25	04/21/25	



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Matador Resources, LLC.	Project Name:	Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numbe	er: 230	23003-0002 Ashley Giovengo			Reported:
Dallas TX, 75240	Project Manag	ger: Ash				4/24/2025 1:04:09PM
		FS06-1'				
		E504162-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2517006
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
p-Xylene	ND	0.0250	1	04/21/25	04/21/25	
o,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Fotal Xylenes	ND	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2517006
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2517011
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
Surrogate: n-Nonane		95.5 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2517015
Chloride	ND	2.00	0.1	04/21/25	04/21/25	



Reported: 4/24/2025 1:04:09PM
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4/24/2025 1:04:09PN
Notes
Batch: 2517006
Batch: 2517006
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Batch: 2517015
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Matador Resources, LLC.	Project Name:		ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numbe		23003-0002 Ashley Giovengo			Reported:
Dallas TX, 75240	Project Manag	ger: Ash				4/24/2025 1:04:09PM
		FS08-1'				
		E504162-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2517006
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
p-Xylene	0.0505	0.0250	1	04/21/25	04/21/25	
p,m-Xylene	0.122	0.0500	1	04/21/25	04/21/25	
Fotal Xylenes	0.173	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	Analyst: SL		Batch: 2517006
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2517011
Diesel Range Organics (C10-C28)	1420	25.0	1	04/21/25	04/21/25	
Oil Range Organics (C28-C36)	634	50.0	1	04/21/25	04/21/25	
Surrogate: n-Nonane		93.3 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: RAS		Batch: 2517015
Chloride	5.41	2.00	0.1	04/21/25	04/21/25	



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Matador Resources, LLC.	Project Name	e: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Num	ber: 2300	03-0002	Reported:		
Dallas TX, 75240	Project Mana	ager: Ash	ley Giovengo		4/24/2025 1:04:09PM	
		FS10-2'				
		E504162-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2517006
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
oluene	ND	0.0250	1	04/21/25	04/21/25	
o-Xylene	ND	0.0250	1	04/21/25	04/21/25	
o,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Fotal Xylenes	ND	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2517006
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: HM		Batch: 2517011
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		98.0 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2517015
Chloride	11.8	2.00	0.1	04/21/25	04/21/25	



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Matador Resources, LLC.	Project Name:	: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb	er: 230	03-0002		Reported:	
Dallas TX, 75240	Project Manag	ger: Ash	ley Giovengo	4/24/2025 1:04:09PM		
		FS11-2'				
		E504162-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: SL		Batch: 2517006
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
p-Xylene	ND	0.0250	1	04/21/25	04/21/25	
o,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Fotal Xylenes	ND	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2517006
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: HM		Batch: 2517011
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		103 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2517015
Chloride	27.8	2.00	0.1	04/21/25	04/21/25	



Reported: 4/24/2025 1:04:09PM
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Notes
Batch: 2517006
Batch: 2517006
Batch: 2517011
Batch: 2517015



QC Summary Data

		QU D	ummu	ing Date					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	23	eslie West TB 8003-0002 shley Gioveng					Reported: 4/24/2025 1:04:09PM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517006-BLK1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Benzene	ND	0.0250					-		· ·
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.48	0.0200	8.00		81.1	70-130			
LCS (2517006-BS1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Benzene	5.87	0.0250	5.00		117	70-130			
Ethylbenzene	5.91	0.0250	5.00		118	70-130			
Toluene	5.93	0.0250	5.00		119	70-130			
o-Xylene	5.84	0.0250	5.00		117	70-130			
p,m-Xylene	11.9	0.0500	10.0		119	70-130			
Total Xylenes	17.8	0.0250	15.0		119	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			
Matrix Spike (2517006-MS1)				Source:	E504162-	03	Prepared: 0	4/21/25 A	nalyzed: 04/22/25
Benzene	5.56	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.48	0.0250	5.00	ND	110	70-130			
Toluene	5.53	0.0250	5.00	ND	111	70-130			
o-Xylene	5.40	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130			
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.1	70-130			
Matrix Spike Dup (2517006-MSD1)				Source:	E504162-	03	Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Benzene	5.76	0.0250	5.00	ND	115	70-130	3.60	27	
Ethylbenzene	5.80	0.0250	5.00	ND	116	70-130	5.63	26	
Toluene	5.81	0.0250	5.00	ND	116	70-130	4.84	20	
o-Xylene	5.72	0.0250	5.00	ND	114	70-130	5.73	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	5.67	23	
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130	5.69	26	
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.4	70-130			
Surroguie. 4-Dromocniorovenzene-PID	0.99		0.00		07.4	/0-150			



QC Summary Data

		QC D	uIIIIII	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/24/2025 1:04:09PM
	No	nhalogenated (Organics	s by EPA 801	5D - Gl	RO			Analyst: SL
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517006-BLK1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			
LCS (2517006-BS2)							Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			
Matrix Spike (2517006-MS2)				Source: E	504162-	03	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			
Matrix Spike Dup (2517006-MSD2)				Source: E	504162-	03	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	80.9	70-130	10.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			



QC Summary Data

		QC DI	umm	laly Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:		Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/24/2025 1:04:09PM
	Nonh	alogenated Orga	anics b	y EPA 8015D -	DRO	/ORO			Analyst: HM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517011-BLK1)							Prepared: 04	4/21/25 A	nalyzed: 04/21/25
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	45.6		50.0		91.1	61-141			
LCS (2517011-BS1)							Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	246	25.0	250		98.5	66-144			
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			
Matrix Spike (2517011-MS1)				Source: E	504162-	04	Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	12500	125	250	11200	503	56-156			M4
Surrogate: n-Nonane	81.0		50.0		162	61-141			\$5
Matrix Spike Dup (2517011-MSD1)				Source: E	504162-	04	Prepared: 04	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	12200	125	250	11200	380	56-156	2.49	20	M4
Surrogate: n-Nonane	88.5		50.0		177	61-141			S5



QC Summary Data

		QU N	amm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	:	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/24/2025 1:04:09PM
		Anions	by EPA	300.0/9056A					Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517015-BLK1)							Prepared: 0	4/21/25 A	analyzed: 04/21/25
Chloride LCS (2517015-BS1)	ND	2.00					Prepared: 0	4/21/25 A	analyzed: 04/21/25
Chloride	25.3	2.00	25.0		101	90-110	-		
Matrix Spike (2517015-MS1)				Source: E	504162-	02	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Chloride	65.6	2.00	25.0	47.8	71.0	80-120			M2
Matrix Spike Dup (2517015-MSD1)				Source: E	504162-	02	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Chloride	75.2	2.00	25.0	47.8	110	80-120	13.7	20	

QC Summary Report Comment:

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



Matador Resources, LLC.	Project Name:	Leslie West TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/24/25 13:04

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- T11 DRO includes undifferentiated early and late eluting analytes characteristic of both GRO and ORO.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.

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



Chain of Custody

	Clier	nt Inform	ation	Invoice Ir	nformation		Lab Use Only							TAT	-	State
Client: N				Company: Ensolum		la	ab WO#	Contest		Job		ber			BD Std	
and the second se	Leslie West T	B		Address: 3122 Natio			504	102	2	230			Z	10 20 3	X	X
The second second	Aanager: Asl	1107-01 200		City, State, Zip: Carls	bad NM, 88220				1							Second Second Second
and and set of the set of the	3122 Nation			Phone: 575-988-00	and the second se	2	2			Ana	lysis	and I	Meth	od		EPA Program
	e, Zip: Carls		88220	Email: agiovengo@	ensolum.com										_	SDWA CWA RCRA
	575-988-0055 giovengo@ei		om	Miscellaneous:		1										Compliance V or N
	giovengowei	isolum.c	0111				8015	8015			0			5	19 19	Compliance Y or N PWSID #
				Sample Information		14	O by	0 by	8021	3260	300.	WN	5 - TX	Meta	1 1	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Numbe	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Remarks
0930	4/17/2025	S	1	FS04 -1'		(х				Page
0932	4/17/2025	S	1	F505-1'		2						х				5.6
0934	4/17/2025	S	1	FS06-1'		3						х				5.6
0938		S	1	FS07-1'		4						x				6.1
0936	4/17/2025	S	1	FS08-1'		5						X				5.9
1140	4/17/2025	S	1	F509-1'		0						X			_	5.8
1311	4/17/2025	S	1	FS10 - 2'		1			1			X		_	_	6.4
1316	4/17/2025	S	1	FS11 - 2'		8			_		_	X				6.5
1354		S	1	FS12-1		9						X	_	_	_	5.4
Additior	al Instructio	ns: Plea	ase CC: ag	iovengo@ensolum.com, chamilton@en	solum.com, iestrell	a@ens	olum.c	om,	bsim	mon	s@er	nsolu	m.co	m, jgonza	lez@ense	olum.com
, (field sam	pler), attest to the	validity and	lauthenticity	of this sample. I am aware that tampering with or inten	tionally mislabeling the san	ple locat	tion, date	or time	e of co	llection	is con	sidered	d fraud	and may be g	rounds for le	egal action.
Sampled by Relinquish	ed by: (Signatur	decret by some of the	Date	Time Received by: (Signatu	ire) Date	10	Time	0-								be received on ice the day they are
Relinquish	ed by: (Signatur	e	Date.		Ponzales Date	18:		3:	30		-		l or reco uent day		Lab Use	emp above 0 but less than 6 °C on Only
Relinquish	ed by: (Signatur		Date	Time Reqeived by: (Signatu	0 1-	18-2	Time		50			Rece	ived	on ice:	(Y) N	
Relinquish	ed by: (Signatur	0	Date	19-25 0119 NOC	ire) Date	21.25	Time	30				<u>T1</u>	201	I	2	<u> </u>
C		the car cha			Cont	ainer T	VD0: 0	alacc			lactic	AVG	Tem	p°C <u>5.9</u>	VOA	Real States of the second
																r the analysis of the above
Note: Sam		ed 14 days	after result	ous, 0 - Other ts are reported unless other arrangements are ma vived by the laboratory with this COC. The liability	de. Hazardous samples	will be re	eturned	to clie	nt or	dispos	lastic ed of a	at the	amb	er glass, v -		r the analysis of the above

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	: Please take note of any NO checkmarks. 2 no response concerning these items within 24 hours of the	-	-	mples will be ana	
Client:	Matador Resources, LLC. Da	ate Received:	04/21/25 07	7:30	Work Order ID: E504162
Phone:	(972) 371-5200 Da	ate Logged In:	04/18/25 10	6:13	Logged In By: Caitlin Mars
Email:		ue Date:	04/25/25 1	7:00 (4 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes	_	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>				
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Individual sample temperatures listed on
Sample (Cooler				COC.
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample ter	nperature: 5.9	9°C		
	Container_				
	queous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
17. Was a	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	<u>bel</u>				
20. Were	field sample labels filled out with the minimum inform	ation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		Yes		
	Preservation	erved?	No		
	ample(s) correctly preserved?		NA		
	o filtration required and/or requested for dissolved metal	s?	No		
	ase Sample Matrix		110		
	the sample waterix than one phase, i.e., multiphase?		No		
	s, does the COC specify which phase(s) is to be analyzed				
-		u.	NA		
	ract Laboratory		<u>ک</u>		
	amples required to get sent to a subcontract laboratory?		No	a a	
29. Was a	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab	: NA
<u>Client I</u>	nstruction				

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



envirotech Inc.

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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:

Leslie West TB

Work Order: E504204

Job Number: 23003-0002

Received: 4/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/28/25

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: 4/28/25

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

Project Name: Leslie West TB Workorder: E504204 Date Received: 4/22/2025 8:00:54AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2025 8:00:54AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mai y		
Matador Resources, LLC.		Project Name:	Leslie West TB		Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Reporteu.
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/28/25 13:52
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 - 0-6'	E504204-01A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SW02 - 0-1'	E504204-02A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SW03 - 0-1'	E504204-03A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SW04 - 0-2'	E504204-04A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.



		impic D	uta			
Matador Resources, LLC.	Project Name:		ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numbe		03-0002			Reported:
Dallas TX, 75240	Project Manag	er: Ash	ley Giovengo			4/28/2025 1:52:53PM
	S	SW01 - 0-6'				
		E504204-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2517026
Benzene	ND	0.0250	1	04/22/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/22/25	
Toluene	ND	0.0250	1	04/22/25	04/22/25	
p-Xylene	ND	0.0250	1	04/22/25	04/22/25	
o,m-Xylene	ND	0.0500	1	04/22/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2517026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2517021
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/23/25	
Surrogate: n-Nonane		87.2 %	61-141	04/22/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2517022
Chloride	ND	20.0	1	04/22/25	04/22/25	



	Di	ample D	ala				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Numbe		ie West TB 03-0002				Reported:
Dallas TX, 75240	Project Manag		ley Gioveng	go			4/28/2025 1:52:53PM
	S	SW02 - 0-1'					
		E504204-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	L	Analyst: l	BA		Batch: 2517026
Benzene	ND	0.0250	1		04/22/25	04/22/25	
Ethylbenzene	ND	0.0250	1		04/22/25	04/22/25	
oluene	ND	0.0250	1		04/22/25	04/22/25	
-Xylene	ND	0.0250	1		04/22/25	04/22/25	
,m-Xylene	ND	0.0500	1		04/22/25	04/22/25	
Total Xylenes	ND	0.0250	1		04/22/25	04/22/25	
urrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130		04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	BA		Batch: 2517026
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/22/25	04/22/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130		04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: l	HM		Batch: 2517021
Diesel Range Organics (C10-C28)	ND	25.0	1		04/22/25	04/23/25	
Dil Range Organics (C28-C36)	ND	50.0	1		04/22/25	04/23/25	
urrogate: n-Nonane		89.8 %	61-141		04/22/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	DT		Batch: 2517022
Chloride	ND	20.0	1		04/22/25	04/22/25	



	25	ample D	ลเล			
Matador Resources, LLC.	Project Name:	Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numbe	er: 2300	03-0002			Reported:
Dallas TX, 75240	Project Manage	er: Ash	ley Giovengo			4/28/2025 1:52:53PM
	S	5W03 - 0-1'				
]	E504204-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2517026
Benzene	ND	0.0250	1	04/22/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/22/25	
Toluene	ND	0.0250	1	04/22/25	04/22/25	
p-Xylene	ND	0.0250	1	04/22/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2517026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: HM		Batch: 2517021
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/23/25	
Surrogate: n-Nonane		91.7 %	61-141	04/22/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2517022
Chloride	ND	20.0	1	04/22/25	04/22/25	



	56	ample D	ala				
Matador Resources, LLC.	Project Name:	Lesl	ie West TB				
5400 LBJ Freeway, Suite 1500	Project Numbe		03-0002				Reported:
Dallas TX, 75240	Project Manag	er: Ash	ley Gioveng	go			4/28/2025 1:52:53PM
	5	SW04 - 0-2'					
		E504204-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	BA		Batch: 2517026
Benzene	ND	0.0250	1	1	04/22/25	04/22/25	
Ethylbenzene	ND	0.0250	1	1	04/22/25	04/22/25	
Toluene	ND	0.0250	1	1	04/22/25	04/22/25	
o-Xylene	ND	0.0250	1	1	04/22/25	04/22/25	
o,m-Xylene	ND	0.0500	1	1	04/22/25	04/22/25	
Total Xylenes	ND	0.0250	1	1	04/22/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130		04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2517026
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/22/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130		04/22/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	HM		Batch: 2517021
Diesel Range Organics (C10-C28)	251	25.0	1	1	04/22/25	04/23/25	
Dil Range Organics (C28-C36)	128	50.0	1	1	04/22/25	04/23/25	
Surrogate: n-Nonane		89.9 %	61-141		04/22/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2517022
Chloride	327	20.0	1	1	04/22/25	04/22/25	



QC Summary Data

		QU DI	ummu	ing Duc					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	23	eslie West TB 8003-0002 shley Gioveng	go				Reported: 4/28/2025 1:52:53PM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517026-BLK1)							Prepared: 0	4/22/25 A	nalyzed: 04/22/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			
LCS (2517026-BS1)							Prepared: 0	4/22/25 A	analyzed: 04/22/25
Benzene	4.88	0.0250	5.00		97.6	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.93	0.0250	5.00		98.5	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			
Matrix Spike (2517026-MS1)				Source:	E504216-	04	Prepared: 0	4/22/25 A	analyzed: 04/22/25
Benzene	5.72	0.0250	5.00	ND	114	70-130			
Ethylbenzene	5.91	0.0250	5.00	ND	118	70-130			
Toluene	5.88	0.0250	5.00	ND	118	70-130			
o-Xylene	5.79	0.0250	5.00	ND	116	70-130			
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130			
Total Xylenes	17.6	0.0250	15.0	ND	118	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2517026-MSD1)				Source:	E504216-	04	Prepared: 0	4/22/25 A	analyzed: 04/22/25
Benzene	5.44	0.0250	5.00	ND	109	70-130	4.97	27	
Ethylbenzene	5.61	0.0250	5.00	ND	112	70-130	5.14	26	
Toluene	5.58	0.0250	5.00	ND	112	70-130	5.24	20	
o-Xylene	5.50	0.0250	5.00	ND	110	70-130	5.15	25	
•	11.3	0.0500	10.0	ND	113	70-130	5.16	23	
p,m-Xylene	11.5	0.0500			115				
p,m-Xylene Total Xylenes	16.8	0.0250	15.0	ND	112	70-130	5.16	26	



QC Summary Data

		QC D	umm	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	2	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/28/2025 1:52:53PM
	No	nhalogenated (Organics	by EPA 801	5D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517026-BLK1)							Prepared: 0	4/22/25 A1	nalyzed: 04/22/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		95.9	70-130			
LCS (2517026-BS2)							Prepared: 0	4/22/25 A1	nalyzed: 04/22/25
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		86.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			
Matrix Spike (2517026-MS2)				Source: E	504216-	04	Prepared: 0	4/22/25 Aı	nalyzed: 04/22/25
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			
Matrix Spike Dup (2517026-MSD2)				Source: E	504216-	04	Prepared: 0	4/22/25 A1	nalyzed: 04/22/25
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130	1.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			



QC Summary Data

		QC DI		ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	:	Leslie West TB 23003-0002 Ashley Giovengo					Reported: 4/28/2025 1:52:53PM
	Nonh	alogenated Orga	anics by	y EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517021-BLK1)							Prepared: 04	4/22/25 A	analyzed: 04/23/25
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	44.3		50.0		88.6	61-141			
LCS (2517021-BS1)							Prepared: 04	4/22/25 A	analyzed: 04/23/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	66-144			
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			
Matrix Spike (2517021-MS1)				Source: E	504204-	01	Prepared: 04	4/22/25 A	analyzed: 04/23/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156			
Surrogate: n-Nonane	44.9		50.0		89.7	61-141			
Matrix Spike Dup (2517021-MSD1)				Source: E	504204-	01	Prepared: 04	4/22/25 A	analyzed: 04/23/25
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	56-156	2.05	20	
Surrogate: n-Nonane	43.8		50.0		87.5	61-141			



QC Summary Data

		QU N	411111	ury Duca						
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Giovengo)				Report 4/28/2025 1	
		Anions	by EPA	300.0/9056A					Analyst: I	DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %		otes
Blank (2517022-BLK1)							Prepared: 0	4/22/25	Analyzed: 04/	22/25
Chloride	ND	20.0								
LCS (2517022-BS1)							Prepared: 0	4/22/25	Analyzed: 04/	22/25
Chloride	253	20.0	250		101	90-110				
Matrix Spike (2517022-MS1)				Source: I	E504216-0	02	Prepared: 0	4/22/25	Analyzed: 04/	22/25
Chloride	256	20.0	250	ND	102	80-120				
Matrix Spike Dup (2517022-MSD1)				Source: I	E 504216-	02	Prepared: 0	4/22/25	Analyzed: 04/	22/25
Chloride	256	20.0	250	ND	103	80-120	0.322	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.



	_ •		
Matador Resources, LLC.	Project Name:	Leslie West TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/28/25 13:52

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

	Clier	nt Inform	nation			Invoice Inform	nation				La	b Us	e Onl	/			T	AT		Stat	e
lient: N	latador				Com	pany: Ensolum LLC		-	Lat	WO#				_	ber	1	D 2D	3D S	td	NM CO UT	TX
	Leslie West T	B				ress: 3122 National P	arks Hwy	4	E	wo#	204	4 1	Job N 23	03.	905			X		X	
roject I	Manager: Asl	nley Giov	engo		City,	, State, Zip: Carlsbad I	NM, 8822	0		20 1					184		3213				ANY TO THE
ddress	3122 Nation	nal Parks	Hwy		Phor	ne: 575-988-0055		1.1					Anal	/sis a	and N	letho	d			EPA Prog	am
ity, Sta	te, Zip: Carls	bad NM,	88220		Ema	ail: agiovengo@ensc	lum.com												S	DWA CWA	RCRA
hone:	575-988-005	5			Misce	ellaneous:															
mail: a	giovengo@e	nsolum.c	om					1.01		8015	15								Co	mpliance Y	or N
		a shi i se		10 12 8 10 W				100	A Second	y 80	y 8015	11	0	0.0	5	×			PV	VSID #	-
				Sample	Information	n				ROF	ROŁ	y 80.	826	le 30	N.	- 500					
Time Sampled	Date Sampled	Matrix	No. of Containers		S	Sample ID		Field	Lab Numbe	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - 1X				Remark	Page
9:20	4/18/2025	S	1		SV	W01 - 0-6'			1						х				4	.8	
9:16	4/18/2025	S	1		SV	W02 - 0-1'			2	3					x				5	5.0	
9:25	4/18/2025	S	1		SV	W03 - 0-1'			3						x				EL	>.1	
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(field sam	pler), attest to the	validity and	authenticity	of this sample.	I am aware that t	tampering with or intentionall	y mislabeling	the san	nple locatio	on, date	or time	e of col	llection	is cons	sidered	fraud a	nd may b	e ground	s for leg	al action.	
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	trix: S - Soil, Sd - So ples are discard				unless other a	rrangements are made. Ha	azardous sar	-			_	_				lient e	xpense	The ren	ort for	the analysis of th	e above
						his COC. The liability of the										nem e	xpense.	merep	on for	the analysis of th	eabove

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Matador Resources, LLC. Da	ate Received:	04/22/25 08	3:00		Work Order ID:	E504204
hone:	(972) 371-5200 Da	ate Logged In:	04/21/25 15	5:29		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com De	ue Date:	04/28/25 17	7:00 (4 day TAT)			
Chain of	f Custody (COC)						
1. Does t	the sample ID match the COC?		Yes				
2. Does t	the number of samples per sampling site location match	the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	ourier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes				
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commer	nts/Resolution
<u>Sample '</u>	<u>Turn Around Time (TAT)</u>						11 1 000
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Individual	l temperature	s listed on COC.
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was ti	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ter	nperature:					
	<u>Container</u>	1					
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
18. Are 1	non-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample containers	s collected?	Yes				
Field La	bel						
	e field sample labels filled out with the minimum inform	ation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes	•			
	Preservation		No				
	the COC or field labels indicate the samples were prese	erved?	No				
	sample(s) correctly preserved?		NA				
	o filtration required and/or requested for dissolved metal	s?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphase?		No				
	s, does the COC specify which phase(s) is to be analyze		NA				
-			11/1				
	ract Laboratory		No				
	samples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so			Subcontract Lab	• NI A		
27. was	a subcontract laboratory specified by the chefit and fi so	wild:	11/1	subcontract Lab	. INA		

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



envirotech Inc.

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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:

Leslie West TB

Work Order: E504242

Job Number: 23003-0002

Received: 4/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/30/25

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: 4/30/25

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

Project Name: Leslie West TB Workorder: E504242 Date Received: 4/24/2025 7:15:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2025 7:15:00AM, under the Project Name: Leslie West TB.

The analytical test results summarized in this report with the Project Name: Leslie West TB 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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		1	J		
Matador Resources, LLC.		Project Name:	Leslie West TB		Reported:
5400 LBJ Freeway, Suite 1500		Project Number:	23003-0002		Reporteu.
Dallas TX, 75240		Project Manager:	Ashley Giovengo		04/30/25 09:14
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS13-3'	E504242-01A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
FS14-1'	E504242-02A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
FS15-1'	E504242-03A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
FS16-6'	E504242-04A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
FS17-6'	E504242-05A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.



	S	ample D	ata			
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name Project Numb Project Manag	ber: 2300	ie West TB 03-0002 ley Giovengo		Reported: 4/30/2025 9:14:47AM	
		FS13-3'	, ,			
		E504242-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2517080
Benzene	ND	0.0250	1	04/24/25	04/25/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/25/25	
Toluene	ND	0.0250	1	04/24/25	04/25/25	
p-Xylene	ND	0.0250	1	04/24/25	04/25/25	
o,m-Xylene	ND	0.0500	1	04/24/25	04/25/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/25/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: SL		Batch: 2517080
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2517087
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/25/25	
Surrogate: n-Nonane		99.6 %	61-141	04/24/25	04/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2517095
Chloride	55.0	20.0	1	04/24/25	04/24/25	



	25	ample D	ลเล			
Matador Resources, LLC.	Project Name:	Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numbe	er: 2300	03-0002		Reported:	
Dallas TX, 75240	Project Manag	4/30/2025 9:14:47AM				
		FS14-1'				
		E504242-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2517080
Benzene	ND	0.0250	1	04/24/25	04/25/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/25/25	
Toluene	ND	0.0250	1	04/24/25	04/25/25	
p-Xylene	ND	0.0250	1	04/24/25	04/25/25	
o,m-Xylene	ND	0.0500	1	04/24/25	04/25/25	
Fotal Xylenes	ND	0.0250	1	04/24/25	04/25/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2517087
Diesel Range Organics (C10-C28)	368	25.0	1	04/24/25	04/25/25	
Dil Range Organics (C28-C36)	161	50.0	1	04/24/25	04/25/25	
Surrogate: n-Nonane		96.2 %	61-141	04/24/25	04/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517095
Chloride	ND	20.0	1	04/24/25	04/24/25	



	5	ample D	ata					
Matador Resources, LLC.	Project Name	: Lesl	ie West TB					
5400 LBJ Freeway, Suite 1500	Project Numb	er: 230	03-0002	Reported:				
Dallas TX, 75240	Project Manag	Project Manager: Ashley Giovengo						
		FS15-1'						
		E504242-03						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2517080		
Benzene	ND	0.0250	1	04/24/25	04/25/25			
Ethylbenzene	ND	0.0250	1	04/24/25	04/25/25			
Toluene	ND	0.0250	1	04/24/25	04/25/25			
p-Xylene	ND	0.0250	1	04/24/25	04/25/25			
p,m-Xylene	ND	0.0500	1	04/24/25	04/25/25			
Total Xylenes	ND	0.0250	1	04/24/25	04/25/25			
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/24/25	04/25/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2517080		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/25/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	04/24/25	04/25/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KH			Batch: 2517087		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/25/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/25/25			
Surrogate: n-Nonane		95.0 %	61-141	04/24/25	04/25/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2517095		
Chloride	ND	20.0	1	04/24/25	04/24/25			



	D.	ample D	ala			
Matador Resources, LLC.	Project Name:	: Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numb	er: 2300	03-0002		Reported:	
Dallas TX, 75240	Project Manag	4/30/2025 9:14:47AM				
		FS16-6'				
		E504242-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2517080
Benzene	ND	0.0250	1	04/24/25	04/25/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/25/25	
Toluene	ND	0.0250	1	04/24/25	04/25/25	
o-Xylene	ND	0.0250	1	04/24/25	04/25/25	
o,m-Xylene	ND	0.0500	1	04/24/25	04/25/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/25/25	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: KH			Batch: 2517087
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/25/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/25/25	
Surrogate: n-Nonane		104 %	61-141	04/24/25	04/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517095
Chloride	ND	20.0	1	04/24/25	04/24/25	



	50	imple D	ala			
Matador Resources, LLC.	Project Name:	Lesl	ie West TB			
5400 LBJ Freeway, Suite 1500	Project Numbe	er: 2300	03-0002		Reported:	
Dallas TX, 75240	Project Manag	4/30/2025 9:14:47AM				
		FS17-6'				
	-	E504242-05				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2517080
Benzene	ND	0.0250	1	04/24/25	04/25/25	
thylbenzene	ND	0.0250	1	04/24/25	04/25/25	
oluene	ND	0.0250	1	04/24/25	04/25/25	
-Xylene	ND	0.0250	1	04/24/25	04/25/25	
,m-Xylene	ND	0.0500	1	04/24/25	04/25/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/25/25	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/25/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	04/24/25	04/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2517087
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/25/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/25/25	
urrogate: n-Nonane		105 %	61-141	04/24/25	04/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2517095
Chloride	358	20.0	1	04/24/25	04/24/25	



QC Summary Data

		X U N			-				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	23	eslie West TB 8003-0002 shley Gioveng	go				Reported: 4/30/2025 9:14:47AM
		Volatile O	rganics l	oy EPA 802	21 B				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 (2517080-BLK1)							Prepared: 0	4/24/25 A	nalyzed: 04/25/25
Benzene	ND	0.0250					-		-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.95	0.0250	8.00		99.4	70-130			
LCS (2517080-BS1)							Prepared: 0	4/24/25 A	nalyzed: 04/25/25
Benzene	4.31	0.0250	5.00		86.1	70-130			
Ethylbenzene	4.30	0.0250	5.00		86.0	70-130			
Toluene	4.32	0.0250	5.00		86.5	70-130			
p-Xylene	4.28	0.0250	5.00		85.6	70-130			
p,m-Xylene	8.60	0.0500	10.0		86.0	70-130			
Total Xylenes	12.9	0.0250	15.0		85.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94	0.0250	8.00		99.2	70-130			
Matrix Spike (2517080-MS1)				Source:	E504242-()1	Prepared: 0	4/24/25 A	nalyzed: 04/25/25
Benzene	4.54	0.0250	5.00	ND	90.8	70-130	1		5
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	70-130			
Toluene	4.55	0.0250	5.00	ND	91.0	70-130			
p-Xylene	4.49	0.0250	5.00	ND	89.8	70-130			
p,m-Xylene	9.03	0.0500	10.0	ND	90.3	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.87	0.0230	8.00		98.4	70-130			
Matrix Spike Dup (2517080-MSD1)				Source:	E504242-()1	Prepared: 0	4/24/25 A	nalyzed: 04/25/25
· · · /		0.0250	5.00	ND	88.7	70-130	2.40	27	
Benzene	4.43								
Benzene Ethylbenzene	4.43 4.43	0.0250		ND	88.5	70-130	2.04	26	
Ethylbenzene	4.43	0.0250	5.00	ND ND	88.5 88.9	70-130 70-130	2.04 2.31	26 20	
Ethylbenzene Toluene	4.43 4.45	0.0250 0.0250	5.00 5.00	ND	88.9	70-130	2.31	20	
Ethylbenzene Toluene p-Xylene	4.43 4.45 4.39	0.0250 0.0250 0.0250	5.00 5.00 5.00	ND ND	88.9 87.8	70-130 70-130	2.31 2.18	20 25	
Ethylbenzene Toluene	4.43 4.45	0.0250 0.0250	5.00 5.00	ND	88.9	70-130	2.31	20	



QC Summary Data

		QC D	uIIIIII	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 23003-0002 Ashley Giovengo	,				Reported: 4/30/2025 9:14:47AM
	No	nhalogenated (RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517080-BLK1)							Prepared: 0	4/24/25 <i>A</i>	Analyzed: 04/25/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
LCS (2517080-BS2)							Prepared: 0	4/24/25 <i>A</i>	Analyzed: 04/25/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			
Matrix Spike (2517080-MS2)				Source: E	504242-	01	Prepared: 0	4/24/25 A	Analyzed: 04/25/25
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			
Matrix Spike Dup (2517080-MSD2)				Source: E	504242-	01	Prepared: 0	4/24/25 A	Analyzed: 04/25/25
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.7	70-130	4.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			


Received by OCD: 6/10/2025 9:55:45 AM

QC Summary Data

		QC SI	umma	ary Data					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Leslie West TB 3003-0002 Ashley Giovengo					Reported: 4/30/2025 9:14:47AM
	Nonh	alogenated Orga	anics by	EPA 8015D	- DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517087-BLK1)							Prepared: 0	4/24/25 A	analyzed: 04/25/25
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	47.0		50.0		93.9	61-141			
LCS (2517087-BS1)							Prepared: 0	4/24/25 A	analyzed: 04/25/25
Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	49.0		50.0		97.9	61-141			
Matrix Spike (2517087-MS1)				Source: E	504213-	10	Prepared: 0	4/24/25 A	analyzed: 04/28/25
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	47.2		50.0		94.4	61-141			
Matrix Spike Dup (2517087-MSD1)				Source: E	504213-	10	Prepared: 0	4/24/25 A	analyzed: 04/28/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	1.11	20	
Surrogate: n-Nonane	47.5		50.0		94.9	61-141			



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Received by OCD: 6/10/2025 9:55:45 AM

QC Summary Data

		$\mathbf{x} \in \mathbf{v}$	••••••		-					
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	2	Leslie West TB 23003-0002 Ashley Gioveng	;0				Reported: 4/30/2025 9:14:47	'AM
		Anions	by EPA	300.0/9056A	\				Analyst: DT	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2517095-BLK1)							Prepared: 0	4/24/25	Analyzed: 04/24/25	5
Chloride	ND	20.0								
LCS (2517095-BS1)							Prepared: 0	4/24/25	Analyzed: 04/24/25	;
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2517095-MS1)				Source:	E504242-(03	Prepared: 0	4/24/25	Analyzed: 04/24/25	;
Chloride	261	20.0	250	ND	104	80-120				
Matrix Spike Dup (2517095-MSD1)				Source:	E504242-0	03	Prepared: 0	4/24/25	Analyzed: 04/24/25	;
Chloride	262	20.0	250	ND	105	80-120	0.143	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.



	_ •		
Matador Resources, LLC.	Project Name:	Leslie West TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 09:14

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

	Clie	nt Inforn	nation				Invoice	Information			519	L	Lab U	se Or	nly	10		-	TAT				State	ł	
lient: Matador Company: Ensolum LLC								WO# Job Number							D 3D 3	Std	NN	V CO	UT	TX					
Project:	Leslie West T	В				-		onal Parks Hw	-	E	50	420	42	23	<u>203</u> .	000	2			Х	Х				
	Aanager: As			-				sbad NM, 882	20						194.4								sold.		0.
	3122 Nation			_	_	Phone: 5							_	Ana	lysis	and	Met	nod				_	Progra		
211	e, Zip: Carls		88220					@ensolum.con	n											ŀ	SDWA	. <u>C</u>	CWA	RCRA	4
	575-988-005				-	Miscellane	ous:													ŀ			-		_
mail: a	giovengo@e	nsolum.c	com								8015	015								-	Complia		Y	or	N
E ME - S		W. Same	Design po						S 11010		- N 8	by 8(21	09	0.00	Σ	Ă	etals		-	PWSID	#			_
			1	Sam	ple Inform	ation			·	Lab	- OBC	DRO DRO	oy 8(v 82	de 3	2-5	005	8 W				Po	marks		
Time Sampled	Date Sampled	Matrix	No. of Containers	8		Sample			Field	Lab Numb	er Oac/Oac	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Rei	IIIdIKS		
12:56	4/22/2025	S	1			FS13 -	3'			1						х		•			5.4	[
13:37	4/22/2025	s	1			FS14 -	1'			2						х					5.1				
13:40	4/22/2025	S	1			FS15 -	1'			3						х					5.6)			
15:45	4/22/2025	S	1			FS16 -	6'			4						х					5.3				
15:55	4/22/2025	S	1			FS17 -	6'			5						х					5.2				
										2.02															-
										10/4			+												
			-			_				678		-					_								-
										1000		+	+	-											-
Additio	al Instructio	ns: Ple	ase CC:	agiovengo	@ensolum	n.com, cha	milton@e	nsolum.com, i	iestrel	la@ens	olum	.com	, bsin	nmor	l ns@e	nsol	um.c	om, jgo	onzalez(@en:	solum.c	com			-
2 2 22	Q 23			ity of this sam	ple. I am awar	e that tamperi	ng with or inte	entionally mislabelin	ng the sa	mple loca	tion, da	te or ti	me of c	ollectic	n is co	nsider	d frau	d and ma	y be groun	ids for	legal actic	on.			
	:Higinio Go		um Rai Dat		Time	Pacaing	ad bur/Signa	tural	Date	_	Tin	ne				Sampl	es requi	ring therm	al preservat	tion mu	st be receiv	ved on ic	ce the day	they are	_
einquisi	ed by: (Signatu	le)	000	1-23-25	and the second se	Mic	ed by: (Signat	Gonzales		23.25	< 1	580	D						ked in ice at					•••••	
Relinquist	ed by: (Signatu	rel	1 Dat		Time	Receive	ed by: (Signa		/ Date			ne		-		subser	went da	IVS.	La	b Us	e Only			1 2 6	
Mie	helle G	onza	leg 4	1-23:25	1540		charg	(jonafe			1	1540	2			Rec	ved	on ice	/	1					28
	ed by: (Signatu		Dat		Time		ed by: (Signer		Date		Tin	ne							C						
Lich	ardi	weals	4	-23-25	2200		uth	ma	4	24.2	5	71:	5			T1			T2			<u>T3</u>	;		
elinquist	ed by: (Signatu	re)	Dat	te	Time		ed by: (Signa	ture)	Date		Tin	ne										351			
			_													AVG	Tem	p°C_							100
	trix: S - Soil, Sd - S																- amb	er glas	s, v - VO/	A					
								ade. Hazardous s									e clien	t expen	n The re	port f	for the ar	nalysis	s of the a	above	
amples is	applicable only	to those s	samples re	ceived by th	e laboratory	with this COC	The liability	y of the laborator	ry is lim	ited to th	ie amo	ount pa	and for	on the	repo	rt.									
																					2				
													C	3											
														2				E		V				LE	- (
																				W					

Received by OCD: 6/10/2025 9:55:45 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Matador Resources, LLC. D	ate Received:	04/24/25 07	7:15	v	Vork Order ID:	E504242
Phone:	(972) 371-5200 D	ate Logged In:	04/23/25 1:	5:01	I	ogged In By:	Caitlin Mars
Email:		ue Date:	04/30/25 1	7:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
	he number of samples per sampling site location match	the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was th	e COC complete, i.e., signatures, dates/times, requested	1 analyses?	Yes	—			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			<u>Commen</u>	ts/Resolution
<u>Sample '</u>	<u>Furn Around Time (TAT)</u>				T 11 1 1 1	1.	
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			imple temp	eratures listed on
Sample (Cooler				COC.		
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				
11. If yes	s, were custody/security seals intact?		NA				
12. Was tl	ne sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ter	nperature:					
	Container	1					
	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 containers	s collected?	Yes				
Field La	<u>bel</u>						
	field sample labels filled out with the minimum inform	ation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes	I	1		
	Collectors name?		Yes				
_	Preservation		ът.				
	the COC or field labels indicate the samples were prese	ervea?	No				
	ample(s) correctly preserved? filtration required and/or requested for dissolved metal	e9	NA Na				
		18 (No				
-	ase Sample Matrix		_				
	the sample have more than one phase, i.e., multiphase?		No				
27. If yes	s, does the COC specify which phase(s) is to be analyze	d?	NA				
	ract Laboratory						
28 1	amples required to get sent to a subcontract laboratory?	•	No				
20. Ale s							

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



envirotech Inc.

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APPENDIX E

NMOCD Correspondence

Released to Imaging: 7/18/2025 9:57:55 AM

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

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Action 424738

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	424738
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source							
Please answer all the questions in this group.							
Site Name	Leslie West Tank Battery						
Date Release Discovered	01/25/2025						
Surface Owner	Federal						

Incident Details

Please answer all the questions in this group.					
Incident Type	Oil 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	Νο				
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	Νο				

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	Cause: Equipment Failure Fitting Crude Oil Released: 22 BBL Recovered: 20 BBL Lost: 2 BBL.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.					
Condensate Released (bbls) Details	Not answered.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 424738

Page1188eof 217

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	424738
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	tion immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare	

Released to Imaging: 7/18/2025 9t578554AM

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

Operator:		OGRID:
M	IATADOR PRODUCTION COMPANY	228937
0	One Lincoln Centre	Action Number:
Da	Dallas, TX 75240	424738
		Action Type:
		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.		
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.		
Z	l 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.		
2	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.		
V	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.		
V	l 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.		

ACKNOWLEDGMENTS

General Information Phone: (505) 629-6116

CONDITIONS

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

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	424738
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

Created By	Condition	Condition Date
c_talley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C- 141.	1/26/2025

-

CONDITIONS

•

Impacted Soil	
Saturated Soil (inches)	
	0
Area (sq. ft.)	
3	369
Standing fluids	
inches of standing fluid	
bbl estimate of standing fluids	
barrels recovered (if known)	
Soil type	
pad caliche	
Spill type	
oil(crude)	
Barrel estimate in soil	
	3
Barrel estimate (standing fluids/ recovered+in soil)	
	23



need to populate or select

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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

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Action 425556

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	425556
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502638920
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery
k	

Location of Release Source

Please	answer	all the	questions	in this	group.	

Site Name	Leslie West Tank Battery
Date Release Discovered	01/25/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.	
Incident Type	Oil 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	Νο
Has this release endangered or does it have a reasonable probability of endangering public health	Νο
Has this release substantially damaged or will it substantially damage property or the environment	Νο
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	Cause: Equipment Failure Fitting Crude Oil Released: 23 BBL Recovered: 20 BBL Lost: 3 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
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 425556

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QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	425556
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
actions to date in the follow-up C-141 submission. If remedial efforts have been successfully complete	Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of	
Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 01/28/2025	

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 (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	425556
	Action Type:
	[C-141] Initial C-141 (C-141-y-Initial)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release an	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission

No The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

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

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	425556
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By		Condition Date
rhamlet	None	1/29/2025

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

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Action 450370

	QUESTIONS
Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	450370
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Location of Release Source

Prerequisites	
Incident ID (n#)	nAPP2502638920
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery

Site Name	Leslie West Tank Battery
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 3,369 What is the estimated number of samples that will be gathered 20 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 04/14/2025 19.15.29.12 NMAC Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Jimmy Gonzalez (575) 909-3249 Please provide any information necessary for navigation to sampling site 32.12418, -103.39192

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	450370	
	Action Type:	
	[NOTIFY] Notification Of Sampling (C-141N)	

CONDITIONS		
Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2025

CONDITIONS

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

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Action 450436

QUESTIONS		
	OGRID:	
		228037

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	450436
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502638920
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery

Location of Release Source	
Site Name	Leslie West Tank Battery
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 3,369 What is the estimated number of samples that will be gathered 20 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 04/15/2025 19.15.29.12 NMAC Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Jimmy Gonzalez (575) 909-3249 Please provide any information necessary for navigation to sampling site 32.12418, -103.39192

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	450436	
	Action Type:	
	[NOTIFY] Notification Of Sampling (C-141N)	

CONDITIONS		
Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2025

CONDITIONS

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

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Action 450439

QUESTIONS	
Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	450439
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502638920
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery

Location of Release Source	
Site Name	Leslie West Tank Battery
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 3,369 What is the estimated number of samples that will be gathered 20 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 04/16/2025 Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Jimmy Gonzalez (575) 909-3249 Please provide any information necessary for navigation to sampling site 32.12418, -103.39192

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

C	Operator:	OGRID:	
	MATADOR PRODUCTION COMPANY	228937	
	One Lincoln Centre	Action Number:	
	Dallas, TX 75240	450439	
		Action Type:	
		[NOTIFY] Notification Of Sampling (C-141N)	

CONDITIONS		
Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2025

CONDITIONS

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

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UESTIONS

Action 450442

QUESTIONS	
Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	450442
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Location of Release Source

Prerequisites		
Incident ID (n#)	nAPP2502638920	
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0	
Incident Type	Oil Release	
Incident Status	Initial C-141 Approved	
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery	

Site Name	Leslie West Tank Battery	
Date Release Discovered	01/25/2025	
Surface Owner	Federal	

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 3,369 What is the estimated number of samples that will be gathered 20 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 04/17/2025 Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Jimmy Gonzalez (575) 909-3249 Please provide any information necessary for navigation to sampling site 32.12418, -103.39192

General Information Phone: (505) 629-6116

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

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	450442
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2025

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Action 450442

Released to Imaging: 7/18/2025 9:57255 PAM

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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

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Action 452880

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	452880
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Location of Release Source

Prerequisites		
Incident ID (n#)	nAPP2502638920	
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0	
Incident Type	Oil Release	
Incident Status	Initial C-141 Approved	
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery	

Site Name	Leslie West Tank Battery	
Date Release Discovered	01/25/2025	
Surface Owner	Federal	

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 3,369 What is the estimated number of samples that will be gathered 20 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 04/18/2025 Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Jimmy Gonzalez (575) 909-3249 Please provide any information necessary for navigation to sampling site 32.12418, -103.39192

General Information Phone: (505) 629-6116

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

CONDITIONS

Operator:	OGRID:	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	452880	
	Action Type:	
	[NOTIFY] Notification Of Sampling (C-141N)	

CONDITIONS			
Created By		Condition Date	
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2025	

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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

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Action 452893

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- CJI	JES	пс	INS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	452893
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Location of Release Source

Prerequisites		
Incident ID (n#)	nAPP2502638920	
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0	
Incident Type	Oil Release	
Incident Status	Initial C-141 Approved	
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery	

Site Name	Leslie West Tank Battery
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 3,369 What is the estimated number of samples that will be gathered 20 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 04/21/2025 19.15.29.12 NMAC Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Jimmy Gonzalez (575) 909-3249 Please provide any information necessary for navigation to sampling site 32.12418, -103.39192

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	452893	
	Action Type:	
	[NOTIFY] Notification Of Sampling (C-141N)	

CONDITIONS		
Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2025

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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

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Action 454358

|--|

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	454358
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502638920
Incident Name	NAPP2502638920 LESLIE WEST TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2202573626] Leslie West Facility Tank Battery

Location of Release Source

Site Name	Leslie West Tank Battery
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.		
What is the sampling surface area in square feet	3,369	
What is the estimated number of samples that will be gathered	20	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2025	
Time sampling will commence	09:00 AM	

Warning: Notification can not be less than two business days prior to conducting final sampling.

	Robert Hamlet approved (Variance Approval) - 48-Hour Confirmation Sampling Notice - Leslie West Tank Battery - Incident Number nAPP2502638920	
Please provide any information necessary for observers to contact samplers		
Please provide any information necessary for navigation to sampling site	32.12418, -103.39192	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	454358
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2025

CONDITIONS

Page 1210 of 217

MATADOR PRODUCTION COMPANY

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

General Information Phone: (505) 629-6116

Operator

QUESTIONS Prerequisites Incident ID (n#)

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

One Lincoln Centre

Dallas, TX 75240

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

QUESTIONS

nAPP2502638920

OGRID:

Action Number

Action Type:

228937

472590

[C-141] Deferral Request C-141 (C-141-v-Deferral)

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Action 472590

Incident Name NAPP2502638920 LESLIE WEST TANK BATTERY @ 0 Incident Type Oil Release Incident Status Deferral Request Received Incident Facility [fAPP2202573626] Leslie West Facility Tank Battery Location of Release Source Please answer all the questions in this group. Site Name Leslie West Tank Battery Date Release Discovered 01/25/2025 Surface Owner Federal Incident Details Please answer all the questions in this group **Oil Release** Incident Type 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 No watercourse Has this release endangered or does it have a reasonable probability of No endangering public health Has this release substantially damaged or will it substantially damage property or No the environment Is this release of a volume that is or may with reasonable probability be No detrimental to fresh water 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. Cause: Equipment Failure | Fitting | Crude Oil | Released: 23 BBL | Recovered: 20 BBL | Lost: Crude Oil Released (bbls) Details 3 BBL Produced Water Released (bbls) Details Not answered. Is the concentration of chloride in the produced water >10,000 mg/l No 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 Not answered. Other, Specify, Unknown, and/or Fire, or any negative lost amounts) **Released to Imaging:** 7/18/2025 9:57:55 AM

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 472590

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QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472590
	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	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped True		
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedi	Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of	
actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of		
Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 01/28/2025	

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QUESTIONS, Page 3

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Action 472590

QUESTIONS	(continued)
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Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472590
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release an	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)	Greater than 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	Greater than 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

Remediation Plan

Please answer all the questions t	that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	emonstrating the lateral and vertical extents of soil contaminatio	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 vertic	al extents of contamination been fully delineated	Yes
Was this release entirely of	contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 CI B)	1650
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	93640
GRO+DRO	(EPA SW-846 Method 8015M)	42800
BTEX	(EPA SW-846 Method 8021B or 8260B)	942
Benzene	(EPA SW-846 Method 8021B or 8260B)	18
	NMAC unless the site characterization report includes complete nelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date w	ill the remediation commence	04/15/2025
On what date will (or did) t	the final sampling or liner inspection occur	04/22/2025
On what date will (or was)	the remediation complete(d)	04/22/2025
What is the estimated surf	ace area (in square feet) that will be reclaimed	2400
What is the estimated volu	ime (in cubic yards) that will be reclaimed	128
What is the estimated surface area (in square feet) that will be remediated 9		969
What is the estimated volu	me (in cubic yards) that will be remediated	32
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

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Action 472590

QUESTIONS (continued)	
Operator: MATADOR PRODUCTION COMPANY	OGRID: 228937
One Lincoln Centre Dallas, TX 75240	Action Number: 472590
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)

appropriate district office no later than 90 days after the release discovery date.		
/ reduce contaminants:		
Yes		
Not answered.		
Not answered.		
Not answered.		
Yes		
Northern Delaware Basin Disposal, Jal NM		
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.		
cnowledge 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 t does not relieve the operator of responsibility for compliance with any other federal, state, or		

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 06/10/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

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Action 472590

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Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472590
	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 o	f 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	The deferral area is directly below process piping. Further excavation could weaken the structure integrity of the supports beneath piping and compromise the structural integrity on the facility.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	400
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	15
	ately under or around production equipment such as production tanks, wellheads and pipelines where 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	Leslie West Facility Tank Battery [fAPP2202573626]
Enter the well API (30-) on which this deferral should be granted	Not answered.
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 ef which includes the anticipated timelines for beginning and completing the remediation.	forts 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 releat the OCD does not relieve the operator of liability should their operations have failed to a	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 t 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 Date: 06/10/2025

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QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472590
Γ	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information				
Last sampling notification (C-141N) recorded	454358			
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2025			
What was the (estimated) number of samples that were to be gathered	20			
What was the sampling surface area in square feet	3369			

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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CONDITIONS

Action 472590

CONDITIONS

Operator: OG MATADOR PRODUCTION COMPANY		OGRID:
	MATADOR PRODUCTION COMPANY	228937
	One Lincoln Centre	Action Number:
	Dallas, TX 75240	472590
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Matador's deferral requests final remediation for (Incident Number:NAPP2502638920) until final reclamation of the well pad or major construction, whichever comes first. Ensolum and Matador do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the shaded area on figure 4 that is limited to the area beneath active production equipment, where remediation would require a major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	7/18/2025