

CLOSURE REQUEST REPORT ADDENDUM

Site Location:

Dagger Lake 6 State #002 Lea County, New Mexico Incident Number nGRL1026735254 October 2, 2023 Ensolum Project No. 03A2270004

Prepared for:

Matador Production Company 5400 Lyndon B Johnson FWY Dallas, Texas 75240 Attention: Clinton Talley

Prepared by:

Ashley N. Giovengo Senior Engineer

Daniel R. Moir, PG Senior Managing Geologist

TABLE OF CONTENTS

1.0	INTRODUCTION	1
	SITE CHARACTERIZATION	
3.0	DELINEATION SAMPLING ACTIVITIES	2
4.0	CLOSURE REQUEST	2

REFERENCE MATERIALS

FIGURES

Figure 1: Site Receptor Map

Figure 2: Delineation Soil Sample Locations

TABLES

Table 1: Delineation Soil Sample Analytical Results

APPENDICES

Appendix A: C-141 Form

Appendix B: Referenced Well Records

Appendix C: Photographic Log

Appendix D: Laboratory Analytical Reports & Chain of Custody Documentation

1.0 INTRODUCTION

Ensolum, LLC (Ensolum) has prepared this *Closure Request Report* Addendum (CRRA) on behalf of Matador Production Company, hereafter referred to as Matador, regarding the crude oil and produced water release at the Dagger Lake 6 State #002 (Site), located in Unit G, Section 6, Township 22 South, Range 33 East, in Lea County, New Mexico (**Figure 1**). Global Positioning System (GPS) coordinates for the Site are as follows: North 32.422657 and West 103.6096191. Surface owner of the Site is on State Land Trust managed by the New Mexico State Land Office (NMSLO).

On September 15, 2010, a truck driver cut the netting on top of a fiberglass water tank and unloaded a full load into the tank without permission. The tank overfilled, resulting in the release of approximately 5 to 7 barrels (bbls) of crude oil and produced water onto the caliche pad directly behind the tank battery. The spill ran south across the edge of the caliche pad and traveled approximately 75 yards into the pasture. Amtex Energy, Inc. (Amtex), the previous operator, reported the release to the New Mexico Oil Conservation Division (NMOCD) and filed a Corrective Action Form C-141 (Form C-141) on September 24, 2010. Subsequently, NMOCD assigned Incident Number nGRL1026735254 to the release. This location has since been reclaimed.

Amtex completed the initial spill cleanup, scraped, and excavated the impacted areas, and conducted sampling activities at the Site. NMOCD employee Geoffrey Lecking reviewed the laboratory analytical results from the sampling activities and approved the Site for backfill. A total of 12 cubic yards of clean topsoil was used to backfill the scraped area in the pasture and caliche was spread across the scraped area on pad. The pasture area was reseeded once the backfill was completed and the on-pad area has since been reclaimed and reseeded.

On November 5, 2010, a Remediation *Closure Report* (CR), authored by Jacob Melancon, Environmental Supervisor for Amtex, was submitted to the NMOCD for the release associated with Incident Number nGRL1026735254; however, the request was denied. The CR was submitted prior to the release of NMOCD's *Procedures for Implementation of the Spill Rule*, effective September 6, 2019, and as a result, samples collected during the initial remediation did not meet the reclamation requirements set forth in Title 19, Chapter 15, Part 29, Section 13 (19.15.29.13) of the New Mexico Administrative Code (NMAC). This CRRA addresses additional delineation sampling activities and based on laboratory analytical results, Matador respectfully requests no further action (NFA) for Incident Number nGRL1026735254. The original CR and other supporting documents can be viewed on the NMOCD web portal.

2.0 SITE CHARACTERIZATION

The Site was assessed for applicability of Table I, Closure Criteria for Soils Impacted by a Release, from 19.15.29 NMAC during the original CR. Results from the characterization desktop review are presented on page 3 of the Form C-141 (**Appendix A**), Site Assessment/Characterization. Potential Site receptors are identified on **Figure 1**. The appropriate water well record is included in **Appendix B**.

Based on the desktop review of nearby receptors and depth to groundwater determination at the Site (greater than 100 feet below ground surface (bgs)), the following NMOCD Table I Closure Criteria (Closure Criteria) was applied:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg



- Total Petroleum Hydrocarbon (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- Total Petroleum Hydrocarbon (TPH): 2,500 mg/kg
- Chloride: 20,000 mg/kg

Per 19.15.29.13 NMAC, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the original spill and the reclaimed caliche pad.

3.0 DELINEATION SAMPLING ACTIVITIES

Beginning on July 10, 2023, Ensolum personnel arrived onsite to perform delineation soil sampling in the vicinity of the original spill area, see **Figure 2**. Ensolum personnel collected 15 delineation soil samples (SS01 through SS15) at 0.5 feet bgs in the pasture area on the west side of the caliche pad. On September 1, 2023, Ensolum personnel returned to collect additional soil samples (SS01, SS03, SS05, SS07, SS09, SS11, SS13, SS14, and SS15) at a depth of 1-foot bgs (see **Figure 2**). Soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Photographic documentation is included in **Appendix C**.

Delineation soil samples were properly packaged, preserved, and transported to Envirotech Analytical Laboratory (Envirotech), following proper chain-of-custody procedures and were analyzed for the following constituents of concern (COCs): TPH following United States Environmental Protection Agency (EPA) Method 8015D, BTEX following EPA Method 8021B, and chloride following EPA Method 300.0.

Laboratory analytical results indicated all COC concentrations were in compliance with the reclamation requirement and the Closure Criteria for the Site. Laboratory analytical results are presented in **Table 1** and laboratory analytical reports are included in **Appendix D**.

A cultural resources survey was not completed since assessment activities were completed with a hand auger and the area was already cleared of any cultural resources. As such, the Cultural Properties Protection Rule (CPP) has been followed for this release. In addition, there is no reclamation plan related to the release since the well has been plugged and abandoned and the associated well pad has already been reclaimed. Based on soil analytical data from this assessment, impacted and/or waste-containing soil is not present as they relate to this release and therefore no remedial actions are required. As such, a reclamation plan is not included in this CRRA.

4.0 CLOSURE REQUEST

On behalf of Matador, Ensolum herby requests closure for the release associated with Incident Number nGRL1026735254 based on the findings and conclusion listed below:

- Samples collected from the release area met the requirements set forth in the reclamation requirement per 19.15.29.13 NMAC.
- The Site has been reclaimed and re-vegetation has been established; see photographic log (**Appendix C**).

Remedial actions completed at the Site for Incident Numbers nGRL1026735254 have been protective of human health, the environment, and groundwater.



Dagger Lake 6 State #002 Closure Request Report Addendum Incident Number nGRL1026735254 October 2, 2023

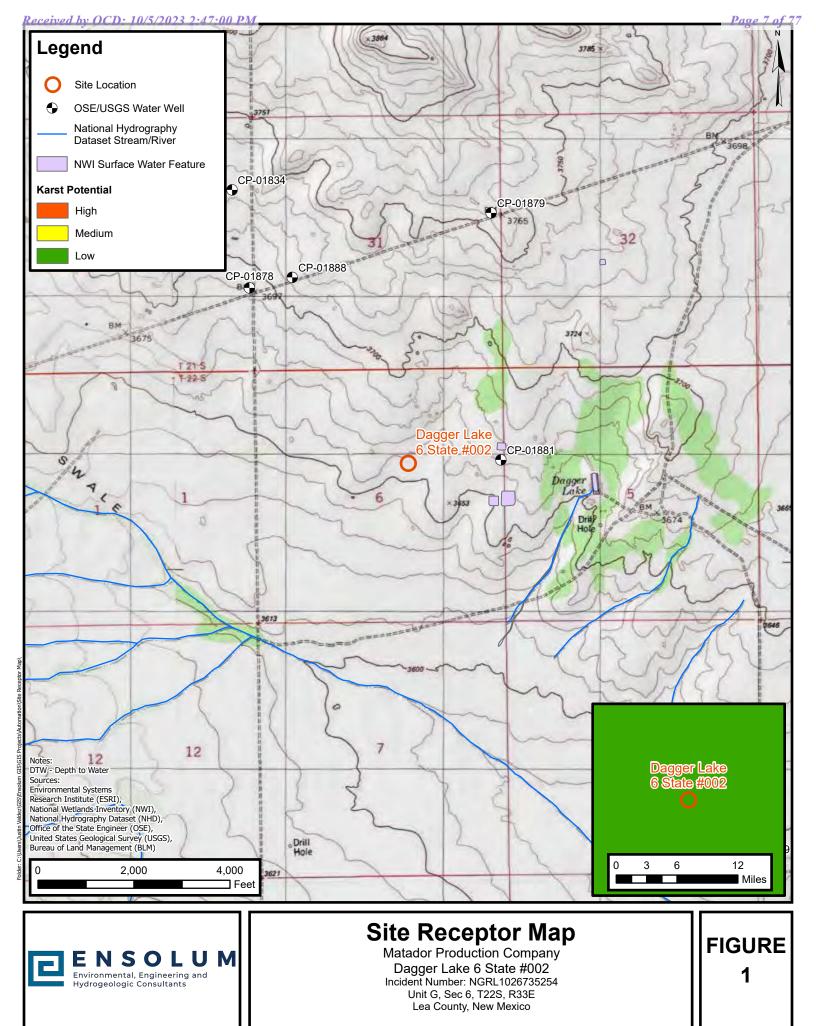
Page 3

A cultural resources survey was not completed since assessment activities were completed with a hand auger and the area was already cleared of any cultural resources. As such, the CPP has been followed for this release. In addition, there is no reclamation plan related to the release since the well has been plugged and abandoned and the associated well pad has already been reclaimed. Based on soil analytical data from this assessment, impacted and/or waste-containing soil is not present as they relate to this release and therefore no remedial actions are required. Therefore, a reclamation plan is not included in this CRRA.

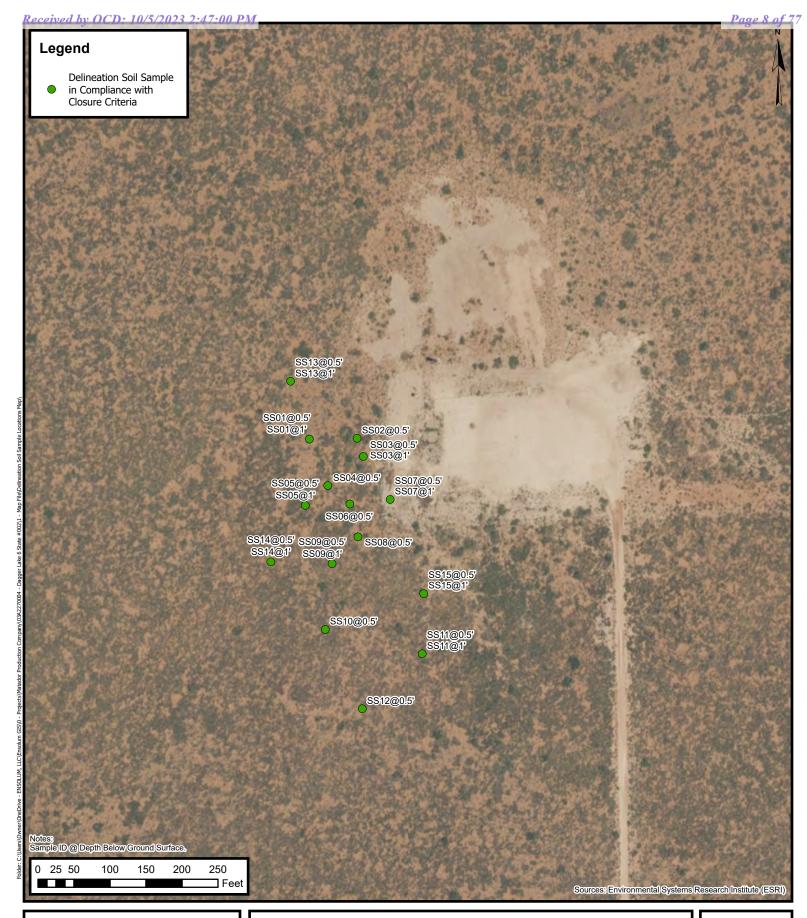




FIGURES



Released to Imaging: 10/6/2023 12:35:05 PM





Delineation Soil Sample Locations

Matador Production Company
Dagger Lake 6 State #002
Incident Number: NGRL1026735254
Unit G, Sec 6, T22S, R33E
Lea County, New Mexico

FIGURE 2



TABLES



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS** Dagger Lake 6 State #002 **Matador Production Company** Lea County, New Mexico Sample Depth Benzene **Total BTEX TPH GRO TPH DRO TPH ORO GRO+DRO Total TPH** Chloride Date Designation (mg/kg) (mg/kg) (feet bgs) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) NMOCD Table I Closure Criteria (NMAC 19.15.29) 1,000 2,500 20,000 10 50 NE NE NE **Delineation Soil Samples** SS01 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS01 9/12/2023 1 < 0.0250 < 0.0250 <20 <25 <50 <50 <50 <20 SS02 7/11/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 < 0.0250 SS03 7/11/2023 0.5 < 0.0250 <20 <25 <50 <25 <50 <20 <25 <50 SS03 9/12/2023 1 < 0.0250 < 0.0250 <20 <50 <50 <20 SS04 7/10/2023 0.5 <0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS05 7/10/2023 0.5 <0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 <25 SS05 9/12/2023 1 < 0.0250 < 0.0250 <20 <50 <50 <50 <20 SS06 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 7/11/2023 0.5 < 0.0250 < 0.0250 <25 SS07 <20 <50 <25 < 50 24.0 SS07 9/12/2023 1 <0.0250 < 0.0250 <20 <25 <50 <50 <50 29.9 <25 SS08 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <50 <25 <50 <20 SS09 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS09 9/12/2023 1 < 0.0250 < 0.0250 <20 <25 <50 <50 <50 <20 SS10 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 59.2 **SS11** 7/10/2023 0.5 <0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS11 9/12/2023 1 <0.0250 < 0.0250 <20 <25 <50 <50 <50 <20 SS12 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS13 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS13 9/12/2023 1 <0.0250 < 0.0250 <20 <25 <50 <50 <50 <20 SS14 7/10/2023 <0.0250 < 0.0250 <25 0.5 <20 <25 <50 <50 <20 **SS14** 9/12/2023 1 < 0.0250 < 0.0250 <20 <25 <50 <50 <50 <20 SS15 7/10/2023 0.5 < 0.0250 < 0.0250 <20 <25 <50 <25 <50 <20 SS15 9/12/2023 1 <0.0250 < 0.0250 <20 <25 <50 <50 <50 <20

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.

Released to Imaging: 10/6/2023 12:35:05 PM

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



APPENDIX A

C-141 Form

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr , Santa Fe, NM 87505

RECEIVED

State of New Mexico Energy Minerals and Natural Resources

SEP 23 2010

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 HOBBSOCD Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

	Release Notification and Corrective Action													
							OPERA'	TOR		1	In	itial Report		Final Repor
Name of Co	mpany	Amtex					Contact	B	:11 5	- 77				_
Address							Telephone]	No.	432	<u>~ '77</u>	0 -	09/3		
Facility Nar	ne Da	gger Lak	e	6	State	#2	Facility Typ	oe	Prod	uction	<u> </u>	rell		
Surface Ow	ner				Mineral	Owner					Lease	e No.		
					LOC	ATIO	N OF RE	LEAS	SE API	#30.0	125	·2757	3.06.	· © D
Unit Letter	Section	Township	Range	Feet	from the	North	/South Line	Feet 1	from the	East/W			-	
9	6	225	33E	ļ }			<u>.</u>		، س					_
			La	titud	e		Longitud	le						
				_	NA	TURE	OF REL	EASI	E					
Type of Rele	ase	BS + C	?; <i>[</i>				Volume of					e Recovered		Ø
Source of Re Was Immedia	lease	open to	اسسا	er	tenk							nd Hour of D	iscover	
Was Immedia	ate Notice (iven?	Yes 🔀	No	☐ Not F	Required	If YES, To) Whon	1?OCA	11 p.M	•			fa.m.
By Whom?	- N	ine					Date and I	Tour	_					<u></u>
Was a Water							If YES, V		mpacting	the Water	course.			<u> </u>
			Yes 🔀	No						name				
If a Watercou	ırse was Im	pacted, Descri	be Fully.	k ,							•			
				**	A									
				•	one						Call	@ 31	O)	
Describe Cau	se of Proble	em and Reme	lial Action	n Take	n.*	•	. ,			•	9,00	01.		. 1//
Truche	r dun	gred	load	/ i	n fac	U	Carper	y	Yank	c to	0	verp-10	W	spilling
oil on	grown	I bel	Lind	ta	nks	and	went s	South	i in	Parks	ne -	Scrap	ed ig	spilling s area
Describe Are	a Affected a	and Cleanup A	ction Tak	cen.*	, .	1.	1. 100	<u> </u>	10	estre	rl	Santi	h ax	location
Avea	offecte	d was	wes	1 6	elu	ا ک	rence;	i		~ ~ ~	Ace	les d	I can	
Screpe	d up	Conta	mina	yra	· an	nd -	havle 1.	d L.	40 C		./	1.	1	location y S · S rules and
I hereby certi	fy that the i	nformation gi	ven above	is tru	e and com	nlete to t	the best of my	knowle	edge and i	understand	that n	ursuant to N	MOCD:	rules and
regulations a	ll operators	are required to	report ar	nd/or f	ile certain	release r	notifications a	nd perfe	orm corre	ctive actio	ons for i	releases which	h may e	endanger
public health	or the envir	onment. The	acceptanc	e of a	C-141 rep	ort by th	ie NMOCD m	arked a	ıs "Final F	Report" do	es not i	relieve the op	erator o	of liability
should their o	should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other													
		vs and/or regu		tance	oi a C-141	героп с	ioes not reliev	e the of	perator of	responsib	onity for	r compliance	with an	y otner
								OI	L CON	SERVA	ATIO	N DIVISI	ON	
Signature:	Willia	in And			***	İ			_1 .					
		0	~~		· ·		Approved by	Distric	ENG _{II} NSE t Supervi e	FK , 90#: ,)	\triangle	. 40	<u> </u>	
Printed Name	$\omega . \eta_i$	am J.	bavagi	د						290	THE STATES	int gos	MA	\
Title:	reside	<u>t </u>					Approval Da	te: 09	24/10) E	xpiratio	on Date: W	24/16))
E-mail Addre	ess: Lill	savage @	اع دور	5z1 -	s. f	ĺ	Conditions of	f Appro	val: Suc	amit ⊨	INAL			
		•				1	2-141 BY	11/2	4/10	9 1		Attache		v71.11
Date: 9-2 Attach Addit	ional Shee	ts If Necess	Phone:	432	-770-0	2913						IKY-	10-6	4-2616

Form C-141

RECEIVED

District I

State of New Mexico

District II
1301 W. Grand Avenue, Artesia, NM 882 QCT 28 20 Energy Minerals and Natural Resources

1000 Rio Brazos Road, Aztec, NM 8741 HOBBSOCD Oil Conservation Division District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Santa Fe, NM 87505

Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

IRP-10-9-2616

Release Notification and Corrective Action **OPERATOR** Final Report Initial Report Name of Company AM Contact BILL SAVAGE dland, TX 79702 Telephone No. 432-686-0847 Facility Name **DAGGER** 6 STATE NO. 00 2 Facility Type MANK BATTERY Mineral Owner Lease No. Surface Owner API No.: 30-025-27573 LOCATION OF RELEASE Unit Letter Feet from the North/South Line East/West Line Section Township Range Feet from the County G NIA NIA Lea ユスS 33E NIA NIA Latitude Longitude NATURE OF RELEASE Oil 5-7BBL Type of Release Volume of Release Volume Recovered Source of Release opentor Wester tout Date and Hour of Occurrence 71/5 Date and Hour of Discovery Was Immediate Notice Given? If YES, To Whom? 8am. ☐ Yes ☑ No ☐ Not Required OCD By Whom? Date and Hour Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. Yes No none If a Watercourse was Impacted, Describe Fully.* none Describe Cause of Problem and Remedial Action Taken.* Truck driver put Hose in open top of tank and ran over tank behinds tank Battery and south in pastere, scraped up Contamination and hanled Describe Area Affected and Cleanup Action Taken.* ion Taken.* west of tanks and south in pacture - Scraped foods to disposal Brought in Caliche and Top Soil I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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. OIL CONSERVATION DIVISION Approved by District Supervisor: Approval Date: 110210 **Expiration Date:** Conditions of Approval: Attached Date: 1102/10 Phone: 432-686-084

* Attach Additional Sheets If Necessary

	1/16-20	FU
-	RECEIV	المنتقدة ا
-,· ×	100	

District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Pi

District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

SEP 23 2010

RECEIVED

Form C-141 Revised October 10, 2003

Conditions of Approval: SUBMIT FINAL

e-14 BY 11/24/10

Attached

1RP-10-9-2616

HOBBSOCD District Office in accordance with Rule 116 on back side of form

1220 South St. Francis Dr.

					Sa	anta F	e, NM 8/3	505						
Release Notification and Corrective Action														
							OPERA'	TOR			Ini	tial Report		Final Report
Name of Co	mpany	Amtex					Contact							
Address		71001120					Telephone 1	No.	431	Savage	70-	09/3		
Facility Nar	ne Da	gger Lal	Le.	6	State	#2	Facility Typ	oe .	Prod	luctio	n 4	ull		-
		7707												
Surface Ow	ner				Mineral ()wner					Lease	No.		
_					LOCA	ATIO	N OF RE	LEAS	SE					
Unit Letter	Section	Township	Range	Feet	from the	North	/South Line	Feet	from the	East/V	est Line	County		
9	6	225	33E											
L	L	l		L										
			La	titud	e		Longitue	de						
					NAT	TURE	OF REL	EASI	Ε					
Type of Rele	ase	BS +	2:1				Volume of	Releas	se 5-1	DAK	Volume	Recovered		Ø
Source of Re	lease	open to	p was	ter	tank		Date and I	Hour of	Оссигге	псе 9.15	Date an	d Hour of Dis	covery	
Source of Re Was Immedia	ate Notice (Given?	,				If YES, To) Whon	n? 🙇 🔭	11 pul	•			fa.m.
			Yes 🔀	No	☐ Not R	equired			OCA	J				
By Whom?		one					Date and I							
Was a Water	course Reac						If YES, Volume Impacting the Watercourse.							
		L	Yes 🔀	No			none							
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.	*										
				n	one									
Describe Cau	se of Proble	em and Reme	dial Actio	n Take	en.*							01		
Truche	1 dus	used	1000	(i	n tau	U	Carre	y	Yam	k to	0	verfold a	ע	spilling
٠		1 1.1	* 1	. 1	I.	/	1.4 +	G., 24	<u> </u>	P. J.		Savara	1.	
Describe Cause of Problem and Remedial Action Taken.* Trucher dungsed load in tank Causing tank to overflow spilling oil on ground believed tanks and went South in Pashne - Scrapedup area														
Describe Are	a Affected	and Cleanup	Action Tal	ken.*	, ,	1	1 1		/	100 /10	11	South	a	10 contion
Area	offecto	d wa	wes	it k	selw		ten 18 5	an		1	- u.	1	~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Scrape	d up	Conta	um Ino	who	n an	~	haule	d	40	cary	HCE	and	av	m
Samo	led a	Na -	Field	an	alissis	C	lean	400	k	40 /	at s	for an	1	کندی
I hereby certi	fy that the i	nformation g	ven above	is tru	e and comp	lete to 1	he best of my	knowl	edge and	l understar	d that pu	irsuant to NM	OCD	rules and
Describe Area Affected and Cleanup Action Taken.* Area offected was west behind tanks and pasture South of location Scraped up Contam inaffor and hauled to Lary Ace lendfarm Sampled area - Field analysis clean took to lat for analysis I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health														
or the environ	perations h	ave failed to	adequately	inves	stigate and r	emedia	te contaminat	ion that	pose a t	hreat to gr	ound wa	ter, surface w	ater, hi	uman health
federal, state,				piance	01 a C-141	report	loes not renev	e me o	perator o	n responsi	billiy for	compliance v	viin an	iy otner
	, 51 100ai 1a	una or reg						Oi	T. CO	NSFRV	ATIO	N DIVISIO)N	
	2 (18)	Λ 0						<u> </u>	ال کی پیدا	TODICA	CILO	A DI VIOL	<u> </u>	
Signature:	Willia	in II of	لزعمين	<u> </u>	yu.			ENU !	ENCVINE	S=15 +				
Delete 131		U_			•		Approved by	Distric	t Superv	4SOF: J	^^	1. J. P. M.		
Printed Name	$=\omega . \Pi_1$	am J.	Savag	<u></u>						<u></u>	WHY.	an you	MAIC	-
Title:	reside	+					Approval Da	te: 091	24/11	0 1	Expiratio	n Date: \\\Z	الخالة) 3

Date: 9-33-3010 F
* Attach Additional Sheets If Necessary Phone: 432-770-0913

billsavage Over Fort and

Received by OCD: 10/5/2023 2:47:00 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page	15	of	7	7
			1	

Incident ID	nGRL1026735254
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible Volume exceeded 25 bbls.	nsible party consider this a major release?				
☐ Yes ⊠ No						
If YES, was immediate no	If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?					
	Initial R	esponse				
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury				
The source of the rele	ease has been stopped.					
The impacted area ha	s been secured to protect human health and	the environment.				
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.				
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.				
D 10 15 20 0 D (4) NDA						
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.				
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.						
Printed Name: Clinton Ta	alley	_Title: EHS Supervisor				
Signature:	Talley	Date: 10/02/2023				
email: Clinton.talley@ma		Telephone: <u>337-319-8398</u>				
OCD Only						
Received by:		Date:				

State of New Mexico Incident

Incident ID	nGRL1026735254
District RP	
Facility ID	
Application ID	

Page 16 of 77

Site Assessment/Characterization

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?	<u>>105</u> (ft bgs)			
Did this release impact groundwater or surface water? ☐ Yes ☑ Y				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?				
Are the lateral extents of the release within 300 feet of a wetland? ☐ Yes ☒ No				
Are the lateral extents of the release overlying a subsurface mine? ☐ Yes ☒ No				
Are the lateral extents of the release overlying an unstable area such as karst geology?				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 				
Za Date of Cast of Castody				

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 10/5/2023 2:47:00 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	ruge 1/0j/
Incident ID	nGRL1026735254
District RP	
Facility ID	
Application ID	

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.

Printed Name: Clinton Talley

Title: EHS Supervisor

Signature:

Clint Talley

Date: 10/02/2023

Telephone: 337-319-8398

OCD Only

Received by: Shelly Wells

Date: 10/6/2023

Page 18 of 77

Incident ID	nGRL1026735254
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following ite	ems must be included in the closure report.			
□ A scaled site and sampling diagram as described in 19.15.29.11 NMAC				
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)				
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)				
□ Description of remediation activities				
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and rem human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the OC	rediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.			
Printed Name: Clinton Talley				
Signature: Clint Talley	Date: 10/02/2023			
email: Clinton.talley@matadorresources.com	Telephone: <u>337-319-8398</u>			
OCD Only				
Received by: Shelly Wells	Date: _10/6/2023			
	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible r regulations.			
Closure Approved by:	Date:			
Printed Name:	Title:			



APPENDIX B

Referenced Well Records



											
NO	OSE POD NO. POD1 (TV)		WELL TAG ID NO. 1/a		OSE FILE NO(S). CP-1881				
OCATI	WELL OWNE Advanced I						PHONE (OPTIONAL) 832.672.4700				
GENERAL AND WELL LOCATION	WELL OWNER MAILING ADDRESS 11490 Westheimer Rd. Stuit 950						CITY Houston		STATE	77077	ZIP
LAND	WELL DE LOCATION LATITUDE			GREES MINUTES SECONDS 32 25 22 N			ACCURACY	REQUIRED: ONE TEN	TH OF A	SECOND	
NERA	(FROM GP	S) LO	NGITUDE	103	36	12 W		QUIRED: WGS 84			
1. GE	DESCRIPTION NE SE NE		IG WELL LOCATION TO 22S R33E	STREET ADDRES	SS AND COMMON LAY	NDMARKS – PLS	SS (SECTION, TO	wnshjip, range) wh	ERE AV	AILABLE	
	LICENSE NO.		NAME OF LICENSED		ckie D. Atkins			NAME OF WELL DRI Atkins Eng		COMPANY g Associates, I	nc.
	DRILLING ST 10/12/2		DRILLING ENDED 10/12/2021		PLETED WELL (FT) ry well material	BORE HO	LE DEPTH (FT) 105	DEPTH WATER FIRS	ST ENCC n/	, ,	
-	COMPLETED	WELL IS:	ARTESIAN	DRY HOLE	SHALLOW (U	NCONFINED)		STATIC WATER LEV	/EL IN C		LL (FT)
TION	DRILLING FLUID: AIR			MUD ADDITIVES – SPECIFY:				<u> </u>	-		
RMA	DRILLING METHOD: ROTARY			HAMMER CABLE TOOL OTHER - SPEC		R – SPECIFY:	Hollow Stem Auger				
2. DRILLING & CASING INFORMATION	DEPTH ((feet bgl)	BORE HOLE DIAM (inches)	(include ea	ATERIAL AND/OR GRADE ch casing string, and	CON	ASING NECTION TYPE	CASING CASING WA INSIDE DIAM. THICKNES (inches) (inches)			SLOT SIZE (inches)
K CA	0	105	±6.5	note sections of screen) (Boring- HSA		(add coup	ling diameter)	-		-	
ING.											
III.											
P. DR											
				-					ļ	 	
											
					-						
				<u> </u>				095 000	كلاتيا	7.702: AMS	14
,	DEPTH ((feet bgl)	BORE HOLE		ANNULAR SEAL			AMOUNT	1	METHO	
RIA	FROM	TO	DIAM. (inches)	GRAV	EL PACK SIZE-RA	NGE BY INTI	KVAL	(cubic feet)		PLACEN	AEN I
ATE				 							
R M									\dashv		
JI.A			<u> </u>							· · · ·	
ANNULAR MATERIAL						.					
3. A											
							_	<u></u>			
	FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/17)										
	NO. C	<u> </u>	<u> </u>	725	POD NO.		TRN 1	<u> </u>	41		1 OF 2

		DEPTH (f	eet bgl)		. COLOR AN	D TYPE OF MATERIAL E	NCOUN	TERED -		WA	TER	ESTIMATED VIELD FOR	
		FROM	то	THICKNESS (feet)	INCLUDE WATE	R-BEARING CAVITIES Of plemental sheets to fully de	R FRAC	TURE ZONE	S	BEAF	UNG? /NO)	YIELD FOR WATER- BEARING ZONES (gpm)	
	1	0	14	14	Sand, fine-	Y	√ N						
		14	19	5	Caliche, consolidated with fin-grained sand, White/Tan						√ N		
		19	24	5	Sand, fine-grain	ned, poorly graded with Cali	che, Rec	ldish Brown		Y	√ N		
		24	44	20	Sand, fine-grained, poorly graded with clay, Reddish Brown						√N		
		44	64	20	Sand, fine-	grained, poorly graded with o	lay, Br	own Tan		Y	√N		
	Ţ	64	105	41	Sand, fine	e-grained, poorly graded with	h clay, l	Brown		Y	√ N		
	4. HYDROGEOLOGIC LOG OF WELL									Y	N		
	OF									Y	N		
	507									Y	N		
	!C									Y	N		
	100									Y	N		
	GEO									Y	N		
)RO									Y	N		
	HXI									Y	N		
	4.									Y	N		
										Y	N		
										Y	N		
										Y	N	,	
										Y	N		
										Y	N		
										Y	N		
		METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING	G STRATA:				AL ESTI			
		PUMI	P	IR LIFT	BAILER OT	HER – SPECIFY:			WEI	T AIETI) (gpm):	0.00	
	VISION	WELL TES				'A COLLECTED DURING' IOWING DISCHARGE AN							
	VIS	MISCELLA	NEOUS INF	ORMATION: T	emporary well materia	als removed and the soil h	oring b	ackfilled usi	no dril	1 cutting	s from to	tal denth to ten	
	PER	Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.											
	TEST; RIG SUPERV	03E DIT NOU 2 2021 ##9:14											
	EST;	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:											
	5. T			elo Trevino, Car		VIDED ONSITE SOI ERVI	31011 0	WEEE CON	DIRO	crion	THE II	IAN EICENBEE.	
_		Shalle Liuin	age, Carme	ao mevillo, Car	neion Fiunt								
	TURE	CORRECT I	RECORD O	F THE ABOVE I	DESCRIBED HOLE AN	EST OF HIS OR HER KNO D THAT HE OR SHE WIL PLETION OF WELL DRILI	L FILE						
	SIGNATURE	Jack A	tkins		Jac	ckie D. Atkins				10/2	7/2021		
	9		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME	_				DATE		
_													
ſ		R OSE INTERI E NO.	NAL USE			POD NO.		WR-20 WE	LL RE	CORD &	LOG (Ve	rsion 06/30/2017)	
-		CATION				100110.	West	TAG ID NO.				PAGE 2 OF 2	
L							WELL	IAGIDIO.				1	



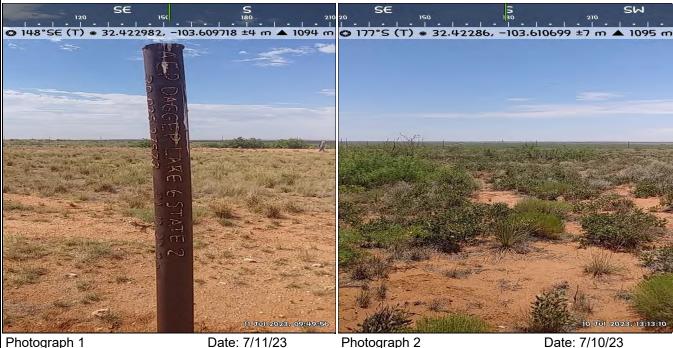
APPENDIX C

Photographic Log

ENSOLUM

Photographic Log **Matador Production Company** Dagger Lake 6 State #002

NGRL1026735254



Photograph 1 **Description: Monument**

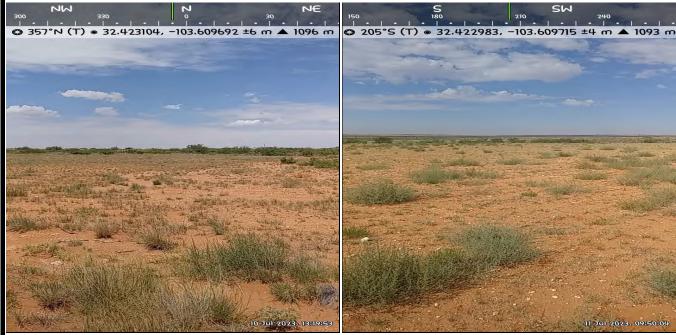
View: Southeast

Date: 7/11/23

Photograph 2

Description: Release area during assessment

View: South



Photograph 3 Description: Release area during assessment

Date: 7/10/23

Photograph 4

Date: 7/11/2023

11 Jul 2023, 09:50:04

Description: Photo taken during assessment

View: Southwest

ENSOLUM

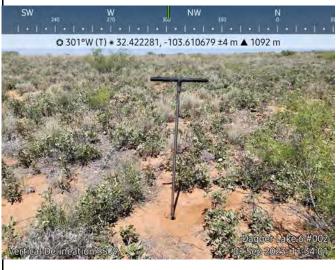
Photographic Log Matador Production Company

Dagger Lake 6 State #002 NGRL1026735254



Date: 9/1/23

Date: 9/1/23



Date: 9/1/23

Date: 9/1/23

Photograph 5
Description: Delineation

ription: Delineation
View: Southwest

Photograph 6

Description: Delineation
View: Northwest





Photograph 7
Description: Delineation

View: North

Photograph 8

Description: Delineation

View: Northeast



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Dagger Lake 6 State #002

Work Order: E307049

Job Number: 23052-0001

Received: 7/13/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/26/23

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

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

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

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

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

Date Reported: 9/26/23

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

Project Name: Dagger Lake 6 State #002

Workorder: E307049

Date Received: 7/13/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2023 8:15:00AM, under the Project Name: Dagger Lake 6 State #002.

The analytical test results summarized in this report with the Project Name: Dagger Lake 6 State #002 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

Table of Contents

7	itle Page	1
(Cover Page	2
7	able of Contents	3
9	Sample Summary	5
9	Sample Data	6
	SS01 - 0.5'	6
	SS02 - 0.5'	7
	SS03 - 0.5'	8
	SS04 - 0.5'	9
	SS05 - 0.5'	10
	SS06 - 0.5'	11
	SS07 - 0.5'	12
	SS08 - 0.5'	13
	SS09 - 0.5'	14
	SS10 - 0.5'	15
	SS11 - 0.5'	16
	SS12 - 0.5'	17
	SS13 - 0.5'	18
	SS14 - 0.5'	19
	SS15 - 0.5'	20
(QC Summary Data	21
	QC - Volatile Organics by EPA 8021B	21
	QC - Nonhalogenated Organics by EPA 8015D - GRO	22
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
	QC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

Matador Resources, LLC.Project Name:Dagger Lake 6 State #002Reported:5400 LBJ Freeway, Suite 1500Project Number:23052-0001Dallas TX, 75240Project Manager:Ashley Giovengo09/26/23 10:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0.5'	E307049-01A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS02 - 0.5'	E307049-02A	Soil	07/11/23	07/13/23	Glass Jar, 4 oz.
SS03 - 0.5'	E307049-03A	Soil	07/11/23	07/13/23	Glass Jar, 4 oz.
SS04 - 0.5'	E307049-04A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS05 - 0.5'	E307049-05A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS06 - 0.5'	E307049-06A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS07 - 0.5'	E307049-07A	Soil	07/11/23	07/13/23	Glass Jar, 4 oz.
SS08 - 0.5'	E307049-08A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS09 - 0.5'	E307049-09A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS10 - 0.5'	E307049-10A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS11 - 0.5'	E307049-11A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS12 - 0.5'	E307049-12A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS13 - 0.5'	E307049-13A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS14 - 0.5'	E307049-14A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS15 - 0.5'	E307049-15A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS16 - 0.5'	E307049-16A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS17 - 0.5'	E307049-17A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS18 - 0.5'	E307049-18A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS19 - 0.5'	E307049-19A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.
SS20 - 0.5'	E307049-20A	Soil	07/10/23	07/13/23	Glass Jar, 4 oz.

Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS01 - 0.5' E307049-01

	E30/049-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2328055
ND	0.0250	1	07/13/23	07/14/23	
ND	0.0250	1	07/13/23	07/14/23	
ND	0.0250	1	07/13/23	07/14/23	
ND	0.0250	1	07/13/23	07/14/23	
ND	0.0500	1	07/13/23	07/14/23	
ND	0.0250	1	07/13/23	07/14/23	
	97.8 %	70-130	07/13/23	07/14/23	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2328055
ND	20.0	1	07/13/23	07/14/23	
	84.4 %	70-130	07/13/23	07/14/23	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329019
ND	25.0	1	07/18/23	07/18/23	
ND	50.0	1	07/18/23	07/18/23	
	83.7 %	50-200	07/18/23	07/18/23	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2328059
ND	20.0	1	07/14/23	07/17/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 84.4 % mg/kg MB/kg mg/kg ND 25.0 ND 50.0 83.7 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Ana ND 20.0 1 84.4 % 70-130 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 83.7 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/13/23 ND 0.0250 1 07/13/23 ND 0.0250 1 07/13/23 ND 0.0250 1 07/13/23 ND 0.0500 1 07/13/23 ND 0.0250 1 07/13/23 mg/kg mg/kg Analyst: IY ND 20.0 1 07/13/23 mg/kg mg/kg Analyst: KM ND 25.0 1 07/18/23 ND 50.0 1 07/18/23 ND 50.0 1 07/18/23 ND 50.0 1 07/18/23 ND 50.0 0 07/18/23 ND 50.0 0 07/18/23 ND 50.0 0 07/18/23	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/13/23 07/14/23 ND 0.0500 1 07/13/23 07/14/23 ND 0.0250 1 07/13/23 07/14/23 mg/kg mg/kg Analyst: IY ND 20.0 1 07/13/23 07/14/23 mg/kg mg/kg Analyst: KM ND 25.0 1 07/18/23 07/14/23 ND 25.0 1 07/18/23 07/18/23 07/18/23 ND 50.0 1 07/18/23 07/18/23 ND 50.0 1 07/18/23 07/18/23 ND 50.0 0 0 0

Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS02 - 0.5'

		E307049-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		91.6 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS03 - 0.5'

		E307049-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		101 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	

Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS04 - 0.5'

		E307049-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2329019	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		91.2 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS05 - 0.5'

		E307049-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
o,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.4 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		96.1 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



ſ	Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
	5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS06 - 0.5' E307049-06

		E30/049-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Lillit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	11	07/18/23	07/18/23	
Surrogate: n-Nonane		81.1 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS07 - 0.5' E307049-07

		E30/049-0/				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.1 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		101 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2328059
Chloride	24.0	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS08 - 0.5'

		E307049-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		101 %	50-200	07/18/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	·



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS09 - 0.5'

		E307049-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
o,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		95.4 %	50-200	07/18/23	07/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS10 - 0.5'

		E307049-10				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		94.4 %	50-200	07/18/23	07/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2328059
Chloride	59.2	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS11 - 0.5' E307049-11

		E30/049-11				
Austra	Result	Reporting Limit	Dilution	D	A lama d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		95.3 %	50-200	07/18/23	07/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS12 - 0.5'

E307049-12						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		99.2 %	50-200	07/18/23	07/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2328059

20.0

ND

07/14/23

07/17/23



Anions by EPA 300.0/9056A

Chloride

Sample Data

ſ	Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
	5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS13 - 0.5'

		E307049-13				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.7 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		86.6 %	50-200	07/18/23	07/19/23	

mg/kg

20.0

mg/kg

ND

Analyst: BA

07/14/23

07/17/23



Batch: 2328059

Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS14 - 0.5'

		E307049-14				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
			1	7 mary 200	Batch: 2328055	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	07/13/23	07/14/23	Batcii. 2328033
Benzene	ND	0.0250	1		****	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		88.8 %	50-200	07/18/23	07/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	.nalyst: BA		Batch: 2328059

20.0

ND

07/14/23

07/17/23



Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

SS15 - 0.5'

		E307049-15				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2328055
Benzene	ND	0.0250	1	07/13/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/13/23	07/14/23	
Toluene	ND	0.0250	1	07/13/23	07/14/23	
o-Xylene	ND	0.0250	1	07/13/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/13/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/13/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2328055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	07/13/23	07/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329019
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		100 %	50-200	07/18/23	07/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2328059
Chloride	ND	20.0	1	07/14/23	07/17/23	



Matador Resources, LLC.Project Name:Dagger Lake 6 State #002Reported:5400 LBJ Freeway, Suite 1500Project Number:23052-0001Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:41:57AM

Dallas TX, 75240		Project Manager:		shley Gioveng	jo			9/2	6/2023 10:41:57AM
		Volatile O	rganics b	y EPA 802	1B				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 (2328055-BLK1)							Prepared: 0	7/13/23 Anal	yzed: 07/14/23
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	7.72		8.00		96.6	70-130			
LCS (2328055-BS1)							Prepared: 0	7/13/23 Anal	yzed: 07/14/23
Benzene	5.04	0.0250	5.00		101	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.7	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			
Matrix Spike (2328055-MS1)				Source:	E307049-0	02	Prepared: 0	7/13/23 Anal	yzed: 07/14/23
Benzene	4.93	0.0250	5.00	ND	98.6	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.6	61-133			
Toluene	4.94	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.87	0.0250	5.00	ND	97.4	63-131			
p,m-Xylene	9.83	0.0500	10.0	ND	98.3	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			
Matrix Spike Dup (2328055-MSD1)				Source:	E307049-0	02	Prepared: 0	7/13/23 Anal	yzed: 07/14/23
Benzene	5.07	0.0250	5.00	ND	101	54-133	2.83	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133	2.84	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	2.53	20	
o-Xylene	5.00	0.0250	5.00	ND	99.9	63-131	2.53	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	2.71	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	2.65	20	

8.00

7.81

97.6

70-130

Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC.Project Name:Dagger Lake 6 State #002Reported:5400 LBJ Freeway, Suite 1500Project Number:23052-0001Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:41:57AM

Dallas 1 X, /5240		Project Manage	r: As	sniey Gioveng	go			9/.	20/2023 10:41:3/AN
	Non	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
							70	70	110103
Blank (2328055-BLK1)							Prepared: 0	7/13/23 Ana	alyzed: 07/14/23
Gasoline Range Organics (C6-C10)	ND	20.0							·
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		8.00		83.8	70-130			
LCS (2328055-BS2)							Prepared: 0	7/13/23 Ana	alyzed: 07/14/23
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.85		8.00		85.6	70-130			
Matrix Spike (2328055-MS2)				Source:	E307049-	.02	Prepared: 0	7/13/23 Ana	alyzed: 07/14/23
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	ND	82.8	70-130			

Surrogate: 1-Chloro-4-fluorobenzene-FID	6.79		8.00		84.8	70-130			
Matrix Spike Dup (2328055-MSD2)				Source:	E307049-0)2	Prepared: 07	7/13/23 Analyzed: 07/14/23	
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0	ND	80.0	70-130	3.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.2	70-130			

Matador Resources, LLC.Project Name:Dagger Lake 6 State #002Reported:5400 LBJ Freeway, Suite 1500Project Number:23052-0001Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:41:57AM

Dullus 171, 732 10		Troject Manage	. 710	mey Groveng	-				
	Nonha	logenated Or		Analyst: KM					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2329019-BLK1)							Prepared: 0	7/18/23 Analy	yzed: 07/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.9		50.0		104	50-200			
LCS (2329019-BS1)							Prepared: 0	7/18/23 Analy	yzed: 07/18/23
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
Surrogate: n-Nonane	49.2		50.0		98.3	50-200			
Matrix Spike (2329019-MS1)				Source:	E307049-	15	Prepared: 0	7/18/23 Analy	yzed: 07/18/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	48.8		50.0		97.7	50-200			
Matrix Spike Dup (2329019-MSD1)				Source:	E307049-	15	Prepared: 0	7/18/23 Analy	yzed: 07/18/23
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	6.66	20	
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Dagger Lake 6 State #002 23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:41:57AM

		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 (2328059-BLK1)							Prepared: 0	7/14/23 Anal	yzed: 07/17/23
Chloride	ND	20.0							
LCS (2328059-BS1)							Prepared: 0	7/14/23 Anal	yzed: 07/17/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2328059-MS1)				Source:	E307049-	01	Prepared: 0	7/14/23 Anal	yzed: 07/17/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2328059-MSD1)	Tatrix Spike Dup (2328059-MSD1)					01	ared: 07/14/23 Analyzed: 07/17/23		

250

20.0

103

80-120

0.372

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

l	Matador Resources, LLC.	Project Name:	Dagger Lake 6 State #002	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/26/23 10:41

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



1	of_	Recei
m WA		serived by OCD: 10/5/2023 2:47:
RA		CD: 10
		/5/2023
		2:47:

							F3071	049	2	2309	52-1	1000	CM	L					
	Matador Prod			1	Bill To			La		se On					TA			EPA P	rogram
	Dagger Lake				Attention: Matador Producti	ion Company	Lab WO)#	12 (1 1 1 1 1 2 1	Job 1	Numbe	r	1D	2D	3D	Stand	ard	CWA	SDWA
	Manager: As				Address:		E 30	OK	\$	616	38					X			
	: 3122 Natio				City, State, Zip					Analy	sis and	Metho	d						RCRA
	te, Zip Carls		88220		Phone:		yd C												
	575-988-005			_	Email:		/ORC										1 00	State	LTVI
(0) (1) (1) (1) (1) (1) (1) (1)	agiovengo@e	ensolum.c	com		X-1-4		ORO,	8021	09	0	0.00		ΣZ		X			UT AZ	TX
Report	T				5.20		RO/I	by 80	y 82	s 60.1	de 3		o			×			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	BTEX I	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC			Remarks	-
1110	7/10/2023	S	1		SS01-0.5'	1							x						
955	7/11/2023	S	1		SS02-0.5'	2							х						
956	7/11/2023	S	1		SS03-0.5'	3							х						
1118	7/10/2023	S	1		SS04-0.5'	4							х						
1120	7/10/2023	S	1		SS05-0.5'	5							х						
1122	7/10/2023	S	1		SS06-0.5 ¹	6							x						
959	7/11/2023	S	1		SS07-0.5'	7							х						
1126	7/10/2023	S	1		SS08-0.5'	8							x						
1128	7/10/2023	S	1		SS09-0.5'	9							х						
1150	7/10/2023	S	1		SS10-0.5'	10							х						
Addition	nal Instructio	ns: CC a	giovengo	@ensolum.	com, cburton@ensolum.com, and rhay	yes@ensolum	n.com	,											
	pler), attest to the				. I am aware that tampering with or intentionally mis legal action. Sampled by: Ronni Ha		le location,									eceived on ice less than 6 °C		they are sam equent days.	oled or
	ed by; (Signatur		Date	, Tim	ne Received by: (Signature)	n Date	n Tim	e				7.	L	ab U	se Or	nly	- N		And the set
. 14	mmi		7/	12 23	10:00 Michell General	les 7-12	-23 1	000)	Rece	eived o	n ice:		DIN					
Relinquish	ed by: (Signatur	e) Ou	Date 7-	12.23 Tim		Date	Tim	70	5	T1			T2			Т3			
101	ed by: (Signatur	285	Date	17.73		Date 7/13/	Tim	3-15	5	AVG	Temp	°c Z	+		v 3: -W				
14.1	trix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aqu	eous, O - Other	- June	Containe	er Type: g						ber g	ass, v	/ - VO	Α			
					d unless other arrangements are made. Hazard												or the a	nalysis of t	he above
					poratory with this COC. The liability of the labor														



envirotech

20	Receiv 7_
ram	ceived by
DWA	OCD:
CRA	-
	0/5/2023 2:
	3 2:

							£30	5700	14	C	u.							
Client: N	Natador Prod	uction Co	ompany		Bill To		2 1-7-1			se Onl		1100-			TA	AT	EPA P	rogram
Project:	Dagger Lake	6 State	#002		Attention: Matador Prod	duction Company	Lab W	O#			Number		1D	2D	3D	Standard	CWA	SDWA
Project	Manager: Ash	nley Giov	engo		Address:		ESO	40F	9	230	052-	1000				x		
Address	: 3122 Natio	nal Parks	Hwy		City, State, Zip						sis and I		d					RCRA
City, Sta	te, Zip Carlsl	oad, NM	88220		Phone:		ò									W		
Phone:	575-988-005	5			Email:		88										State	
Email: a	giovengo@e	nsolum.c	com				30/0	1			0.0		ΣN			NM CC	UT AZ	TX
Report o	due by:						10/0	8021	8260	5010	300				¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GR	8015 BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	,
1200	7/10/2023	S	1		SS11-0.5'	11							х					
1420	7/10/2023	S	1		SS12-0.5'	12							х					
1428	7/10/2023	S	1		SS13-0.5'	13							х					
1430	7/10/2023	S	1		SS14-0.5'	14							х					
1425	7/10/2023	S	1		SS15-0.5'	15							х					
1434	7/10/2023	S	1		SS16-0.5'	10							x					
1438	7/10/2023	S	1		SS17-0.5'	17							х					
1445	7/10/2023	S	1		SS18-0.5'	18							х					
1443	7/10/2023	S	1		SS19-0.5'	19							х					
1441	7/10/2023	S	1		SS20-0.5'	20							х					
Addition	nal Instructio	ns: CC a	giovengo	@ensolum.co	m, cburton@ensolum.com, and	rhayes@ensolum	.com											
				ty of this sample. I a	m aware that tampering with or intentional al action. Sampled by: Ro	And the second s	e location	,		1						eceived on ice the da less than 6 °C on sub		oled or
P	Ped by: (Signatur		Date 74	12/23 Time		sala 7-6		me /00	0	Rece	ived or	ice:		ab Us		nly		
Mic	ed by: (Signatui hell (male		1223 Time	Received by: (Signature)	Date 7.17	23	171:	5	T1			T2			<u>T3</u>		
Relinquish	ed by: (Signatur	nes	Date	12.73 Time	245 Received by Signature	ne 7/13/2	23	8.13	5	AVG	Temp ⁶	°c_ 4	4					
Sample Ma	trix: S - Soil, Sd - S			eous, O - Other		Containe	r Type:	g - glass	, p - p					ass, v	- VO	A		
Note: Sam	ples are discard	led 30 days	after resul	ts are reported un	less other arrangements are made. Ha	azardous samples will	be return	ned to cl	ient o	r dispo	sed of at	the cli	ent ex	pense	. The	e report for the	analysis of t	he above
					atory with this COC. The liability of the l							tire on	cite ci	ретье		a report for the	undiyolo un	



Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	07/13/23	08:15		Work Order ID:	E307049
Phone:	(575) 988-0055	Date Logged In:	07/13/23	09:38		Logged In By:	Caitlin Mars
Email:	agiovngo@ensolum.com	Due Date:	07/19/23	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	<u> Curn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C			3 7				
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	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 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container		N.T.				
	queous VOC samples present?		No NA				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?						
	trip blank (TB) included for VOC analyses?	n	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info ample ID?	mation.	Yes				
	rate/Time Collected?		Yes				
	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
	ract Laboratory						
	amples required to get sent to a subcontract laborato	m19	No				
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab	NI A		
		i so who:	IVA	Subcolliact Lab), INA		
Client Ir	<u>nstruction</u>						

Page 28 of 30

Date

Rele	Project	Information						Cha	ain of Custo	odv											Dage 1
Released to Imaging:											770	Ца	2		2 00	1 0				4	Page
d to		Matador Pro				18.31		Bill To		1	7010	La	b Use	SON Only	2-00	ol C	m	TA	ΔT	ΙFDΔ	Program
Im		Dagger Lak Manager: As				29455901		atador Production	Company		WO#	t	J	THE PERSON NAMED IN	mber	10	2D	3D	Standar		
agi		: 3122 Natio				Date Vote 6	ity, State, Zip			E	3070	340		20K	<u> </u>				X		
.8i	A STATE OF THE STA	te, Zip Carls	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P			100000000000000000000000000000000000000	hone:			-			A	nalysis	and Me	thod	-				RCRA
10/		575-988-005				See White	mail:				RO b									State	
6/2		agiovengo@e	ensolum.	com	-						RO/0	1	0	9		N			NM	COUTA	
923	Report			T		15.55			Taxas Payagaga		30/D	y 802	/ 826	6010				¥	×		
12:3	Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number		TPH GRO/DRO/ORO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010		BGDOC		GDOC		Remark	(S
10/6/2023 12:35:05 PM	1110	7/10/2023	S	1			SS01-0.5'		1							х			Clio	nt as	oked to
PM	955	7/11/2023	S	1			SS02-0.5'		2							х					mples
	956	7/11/2023	S	1			SS03-0.5'		3							х				Q-20	arip as
	1118	7/10/2023	S	1			SS04-0.5'		4							х				25/23	CM
	1120	7/10/2023	S	1			SS05-0.5'		5							х			- 114	W 125	Qiv.
	1122	7/10/2023	S	1			SS06-0.5'		6							х					
	959	7/11/2023	S	1			SS07-0.5'		7							х					
	1126	7/10/2023	S	1			SS08-0.5'		8							х					
	1128	7/10/2023	S	1			SS09-0.5'		9							х					
	1150	7/10/2023	S	1			SS10-0.5'		10							x					
	Addition	al Instruction	is: CC ag	iovengo	@ensolum	.com, cbur	rton@ensolum.	com, and rhayes@	Densolum.	com											
	I, (field samp	oler), attest to the	validity and	authenticity	of this sample	e. I am aware t	that tampering with o	or intentionally mislabell	ing the sample	locatio	n,		San	ples req	uiring therm	al preserv	ation mu	st be rece	ived on ice the	lay they are sam	pled or
L	date or time	of collection is co	insidered fra	ud and may	be grounds fo	r legal action.	Samp	led by: Ronni Hayes											s than 6 °C on si		
	- PW	d by: (Signature	2)		2/23	10:00	Received by: (Sig	l Cungales	Date 7-12-0	23	I D (00	Re	ceive	d on ice	The state of the s	ab Us	e Only	/		
1	Mich	d by: (Signature	Jollis	STREET, SQUARE, SQUARE	1.23	1715	Received by?(Sig	mosture)	7.12.1		ime 17	15) T1			T2			T3		
	101	d by: (Signature		7.	2.73	2245	Deceived by (Sign	Man	7/13/2	3	ime	15			np °C	4					
-	Sample Matr	ix: S - Soil, Sd - So	lid, Sg - Slude	ge, A - Aqueo	ous, O - Other				Container	Type:	g - gla	ass, p	- noly	/nlacti	C 20 21	mbord	ass, v	- VOA			
1	vote: Samp amples is a	ies are discarde pplicable only t	d 30 days a o those san	tter results uples receiv	are reported ed by the la	d unless othe boratory with	r arrangements are	made. Hazardous sality of the laboratory	amples will he	rotur	mod to	clion	t or die	nacad	-E-++b-	client ex	pense.	The re	eport for the	analysis of t	he abovo



envirotec

Tot:										E	307	40	19	C	m								
	Matador Pro				West of		Bill To				W.W.	La	b Us	se On	ly				TA	Т	1	EPA P	rogram
	Dagger Lak			*		Attention:	Matador Pro	duction C	Company	Lab	WO#	All Control of the last	2		Numb	er	1D	2D	3D	Stanc	lard	CWA	SDWA
	Manager: A					Address:				E3	NF6	**	9	23	052	-0001				Х			35 (1)
	: 3122 Nati					City, State, Zi	ip									Method	1				LASA		RCRA
	te, Zip Carl		88220			Phone:					by												1101111
	575-988-00					Email:					ORO									270.00	151,000,00	State	
The second second second	agiovengo@	ensolum.	com								3/01	п			0		NN			NN	1 CO	UT AZ	TX
Report	due by:							1			JQ/C	8021	3260	010	300				X			J	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC	×		Remarks	
1200	7/10/2023	S	1			SS11-0.5	'		11					_	U		x		U				
1420	7/10/2023	S	1			SS12-0.5	1		12								х						
1428	7/10/2023	S	1			SS13-0.5'	1		13								x						
1430	7/10/2023	S	1			SS14-0.5'			14								х						
1425	7/10/2023	S	1			SS15-0.5'			15						1		х						
1434	7/10/2023	S	1		_	SS16-0.5'			140								x		+				
1438	7/10/2023				_	SS17-0.5'											_						
	7.507.505	5	1			3317-0.5			77			-	-		-	-	X						
1445	7/10/2023				-	SS18-0.5'				-	-	-	-	-									
		5	1						18				1			++	X						
1443	7/10/2023	-				SS19-0.5'					+	-	-	-	+				-	_			
		S	1			3313 0.3			19			-	+	+	-		X						
1441	7/10/2023	S	1			SS20-0.5'			20								v .		-	-	_		
Addition	al Instructio	nc: CC ac	riovanga	@anaaluus aa					A STATE OF THE PARTY OF THE PAR								^						
radicion	ai mistractio	iis. cc ag	siovengo	wensolum.com	n, cc	ourton@enson	um.com, and r	hayes@e	ensolum.	com													
I, (field same	oler), attest to th	e validity and	authenticity	of this sample I an	n awa	re that tamparing	with or intentionally	total - Ht					15										
date or time	of collection is c	onsidered fra	ud and may	be grounds for lega	Lactio		Sampled by: Ronr		the sample	location	n,		TE SI	eceived	requiring packed i	thermal pre ice at an av	servatio	ahove i	be recei	ived on ice t	he day the	y are sample	dor
	ed by: (Signatur		Date	Time	ructio		(Signature)		Date	In	ime	_		Slear Product	Arrivo (1980)	, ice de direv					ar subsequ	ient days.	
-pr	VIM		74	12/23 10:	00	Michigan	Wa Gens	alon	7-12-3			000					53.77		Only				
Relinquishe	elinquished by: (Signature) Date Time Received on ice: Y N Received on ice: Y N																						
Much	d by: (Signatur	nzalos		1773 17	15	More	i mos		7.17:	23	17	15	T	1		7	2			Т3			
And	EN M	wes	The second secon	12.23 20	4	5 Received by	Le Ma	ie ;	7/13/2	3	8.	15	- A	VG T	emp	c 4	,						
Sample Matr	ix: S - Soil, Sd - So	olid, Sg - Slud	ge, A - Aque	nus, O - Other				(Container	Type:	g - gla	iss, p	- nol	v/nla	ctic a	- amba	rglas	s, v -	VOA	200 A 100 A			M5242743
Note: Samp	the: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or dispassed of at the client or dispassed or dispa																						
samples is a	mples 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.											aid fo	ron	the re	port.		-						



Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Dagger Lake 6 #002

Work Order: E309033

Job Number: 23052-0001

Received: 9/6/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/26/23

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

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

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

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

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

Date Reported: 9/26/23

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

Project Name: Dagger Lake 6 #002

Workorder: E309033

Date Received: 9/6/2023 5:35:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/6/2023 5:35:00AM, under the Project Name: Dagger Lake 6 #002.

The analytical test results summarized in this report with the Project Name: Dagger Lake 6 #002 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

een. 775 267 1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01 - 1'	5
SS03 - 1'	6
SS05 - 1'	7
SS07 - 1'	8
SS09 - 1'	9
SS11 - 1'	10
SS13 - 1'	11
SS14 - 1'	12
SS15 - 1'	13
QC Summary Data	14
QC - Volatile Organic Compounds by EPA 8260B	14
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	16
QC - Anions by EPA 300.0/9056A	17
Definitions and Notes	18
Chain of Custody etc.	19

Sample Summary

Γ	Matador Resources, LLC.	Project Name:	Dagger Lake 6 #002	Donoutodi
١	5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/26/23 10:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 1'	E309033-01A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS03 - 1'	E309033-02A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS05 - 1'	E309033-03A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS07 - 1'	E309033-04A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS09 - 1'	E309033-05A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS11 - 1'	E309033-06A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS13 - 1'	E309033-07A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS14 - 1'	E309033-08A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS15 - 1'	E309033-09A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.
SS18 - 1'	E309033-10A	Soil	09/01/23	09/06/23	Glass Jar, 4 oz.

Matador Resources, LLC.	Project Name:	Dagger Lake 6 #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:47:20AM

SS01 - 1' E309033-01

		1007000 01					
Analyta	Result	Reporting Limit		lution	Prepared	Amalyzad	Notes
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY	Batch: 2336070	
Benzene	ND	0.0250		1	09/07/23	09/08/23	
Ethylbenzene	ND	0.0250		1	09/07/23	09/08/23	
Toluene	ND	0.0250		1	09/07/23	09/08/23	
o-Xylene	ND	0.0250		1	09/07/23	09/08/23	
p,m-Xylene	ND	0.0500		1	09/07/23	09/08/23	
Total Xylenes	ND	0.0250		1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0	_	1	09/11/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/11/23	09/11/23	
Surrogate: n-Nonane		94.8 %	50-200		09/11/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336077
Chloride	ND	20.0		1	09/08/23	09/09/23	



Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS03 - 1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Г	Y		Batch: 2336070
Benzene	ND	0.0250	1		09/07/23	09/08/23	
Ethylbenzene	ND	0.0250	1		09/07/23	09/08/23	
Toluene	ND	0.0250	1		09/07/23	09/08/23	
o-Xylene	ND	0.0250	1		09/07/23	09/08/23	
p,m-Xylene	ND	0.0500	1		09/07/23	09/08/23	
Total Xylenes	ND	0.0250	1		09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		110 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: I	Y		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		110 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	ζM		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0	1		09/11/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	09/11/23	09/11/23	
Surrogate: n-Nonane		88.4 %	50-200		09/11/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: E	BA		Batch: 2336077
Amons by EFA 500.0/9050A							

Matador Resources, LLC. Project Name: Dagger Lake 6 #002 5400 LBJ Freeway, Suite 1500 Project Number: 23052-0001 Reported: 9/26/2023 10:47:20AM Dallas TX, 75240 Project Manager: Ashley Giovengo

SS05 - 1'

		E309033-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg mg/kg Analyst: IY					Batch: 2336070
Benzene	ND	0.0250		1	09/07/23	09/08/23	
Ethylbenzene	ND	0.0250		1	09/07/23	09/08/23	
Toluene	ND	0.0250		1	09/07/23	09/08/23	
o-Xylene	ND	0.0250		1	09/07/23	09/08/23	
p,m-Xylene	ND	0.0500		1	09/07/23	09/08/23	
Total Xylenes	ND	0.0250		1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		111 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		111 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0		1	09/11/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/11/23	09/11/23	
Surrogate: n-Nonane		93.0 %	50-200		09/11/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336077
Chloride	ND	20.0		1	09/08/23	09/09/23	



Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS07 - 1'

E309033-04									
Reporting									
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2336070		
Benzene	ND	0.0250		1	09/07/23	09/08/23			
Ethylbenzene	ND	0.0250		1	09/07/23	09/08/23			
Toluene	ND	0.0250		1	09/07/23	09/08/23			
o-Xylene	ND	0.0250		1	09/07/23	09/08/23			
p,m-Xylene	ND	0.0500		1	09/07/23	09/08/23			
Total Xylenes	ND	0.0250		1	09/07/23	09/08/23			
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23			
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/07/23	09/08/23			
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2336070		
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/23	09/08/23			
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23			
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/07/23	09/08/23			
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2337001		
Diesel Range Organics (C10-C28)	ND	25.0		1	09/11/23	09/11/23			
Oil Range Organics (C28-C36)	ND	50.0		1	09/11/23	09/11/23			
Surrogate: n-Nonane		96.5 %	50-200		09/11/23	09/11/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336077		

20.0

09/08/23

09/09/23

29.9

Chloride

Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS09 - 1'

E309033-05									
		Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2336070		
Benzene	ND	0.0250	1	1	09/07/23	09/08/23			
Ethylbenzene	ND	0.0250	1	1	09/07/23	09/08/23			
Toluene	ND	0.0250	1	1	09/07/23	09/08/23			
o-Xylene	ND	0.0250	1	1	09/07/23	09/08/23			
p,m-Xylene	ND	0.0500	1	1	09/07/23	09/08/23			
Total Xylenes	ND	0.0250	1	1	09/07/23	09/08/23			
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23			
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/07/23	09/08/23			
Surrogate: Toluene-d8		111 %	70-130		09/07/23	09/08/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2336070		
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/07/23	09/08/23			
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23			
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/07/23	09/08/23			
Surrogate: Toluene-d8		111 %	70-130		09/07/23	09/08/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	ΣM		Batch: 2337001		
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/11/23	09/11/23			
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/11/23	09/11/23			
Surrogate: n-Nonane		93.8 %	50-200		09/11/23	09/11/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: E	BA		Batch: 2336077		

20.0

09/08/23

09/09/23

ND

Chloride

Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS11 - 1'

E309033-06

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg Ar		Analyst:	IY	Batch: 2336070		
Benzene	ND	0.0250		1	09/07/23	09/08/23	
Ethylbenzene	ND	0.0250		1	09/07/23	09/08/23	
Toluene	ND	0.0250		1	09/07/23	09/08/23	
o-Xylene	ND	0.0250		1	09/07/23	09/08/23	
p,m-Xylene	ND	0.0500		1	09/07/23	09/08/23	
Total Xylenes	ND	0.0250		1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0		1	09/11/23	09/11/23	-
Oil Range Organics (C28-C36)	ND	50.0		1	09/11/23	09/11/23	
Surrogate: n-Nonane		96.5 %	50-200		09/11/23	09/11/23	
	ma/ka	mg/kg		Analyst:	BA		Batch: 2336077
Anions by EPA 300.0/9056A	mg/kg	mg/kg		1 marj se.	5.1		



Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS13 - 1'

E309033-07

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/			Analyst:	IY		Batch: 2336070
Benzene	ND	0.0250	1	1	09/07/23	09/08/23	
Ethylbenzene	ND	0.0250	1	1	09/07/23	09/08/23	
Toluene	ND	0.0250	1	1	09/07/23	09/08/23	
o-Xylene	ND	0.0250	1	1	09/07/23	09/08/23	
p,m-Xylene	ND	0.0500	1	1	09/07/23	09/08/23	
Total Xylenes	ND	0.0250	1	1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		111 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		111 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/11/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/11/23	09/11/23	
Surrogate: n-Nonane		94.4 %	50-200		09/11/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336077

Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS14 - 1'

		E309033-08					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg Analyst: IY					Batch: 2336070	
Benzene	ND	0.0250	1	l	09/07/23	09/08/23	
Ethylbenzene	ND	0.0250	1	l	09/07/23	09/08/23	
Toluene	ND	0.0250	1	[09/07/23	09/08/23	
o-Xylene	ND	0.0250	1	l	09/07/23	09/08/23	
p,m-Xylene	ND	0.0500	1	l	09/07/23	09/08/23	
Total Xylenes	ND	0.0250	1	l	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	•		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/07/23	09/08/23	
Surrogate: Toluene-d8		112 %	70-130		09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: Kl	M		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/11/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/11/23	09/11/23	
Surrogate: n-Nonane		96.1 %	50-200		09/11/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2336077
Chloride	ND	20.0	1	[09/08/23	09/09/23	



Matador Resources, LLC.Project Name:Dagger Lake 6 #0025400 LBJ Freeway, Suite 1500Project Number:23052-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

SS15 - 1' E309033-09

		E007000 07				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
				1	rmaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg		A	Analyst: IY		Batch: 2336070
Benzene	ND	0.0250	1	09/07/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/07/23	09/08/23	
Toluene	ND	0.0250	1	09/07/23	09/08/23	
o-Xylene	ND	0.0250	1	09/07/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/07/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/07/23	09/08/23	
Surrogate: Toluene-d8		111 %	70-130	09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2336070
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/23	09/08/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/07/23	09/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/07/23	09/08/23	
Surrogate: Toluene-d8		111 %	70-130	09/07/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2337001
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/11/23	
Surrogate: n-Nonane	·	101 %	50-200	09/11/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2336077
Chloride	ND	20.0	1	09/08/23	09/09/23	



Matador Resources, LLC. Project Name: Dagger Lake 6 #002 Reported:
5400 LBJ Freeway, Suite 1500 Project Number: 23052-0001
Dallas TX, 75240 Project Manager: Ashley Giovengo 9/26/2023 10:47:20AM

Dallas 1A, /3240		Project Manage	r: As	sniey Gloveng	30			912	0/2023 10.47.20A
	V	olatile Organ		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 (2336070-BLK1)							Prepared: 0	9/07/23 Anal	yzed: 09/08/23
Benzene	ND	0.0250					1		,
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	0.594	0.0220	0.500		119	70-130			
	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.477		0.500		93.3 111	70-130			
surroguie. 10illene-uo	0.555		0.500		111	70-130			
LCS (2336070-BS1)							Prepared: 0	9/07/23 Anal	yzed: 09/08/23
Benzene	2.43	0.0250	2.50		97.2	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
o-Xylene	2.68	0.0250	2.50		107	70-130			
p,m-Xylene	5.30	0.0500	5.00		106	70-130			
Total Xylenes	7.98	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			
Matrix Spike (2336070-MS1)				Source:	E309033-	01	Prepared: 0	9/07/23 Anal	yzed: 09/08/23
Benzene	2.48	0.0250	2.50	ND	99.3	48-131			-
Ethylbenzene	2.58	0.0250	2.50	ND	103	45-135			
Toluene	2.63	0.0250	2.50	ND	105	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.53	0.0500	5.00	ND	111	43-135			
Total Xylenes	8.29	0.0250	7.50	ND	111	43-135			
Surrogate: Bromofluorobenzene	0.609		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			
Matrix Spike Dup (2336070-MSD1)				Source:	E309033-	01	Prepared: 0	9/07/23 Anal	yzed: 09/08/23
Benzene	2.42	0.0250	2.50	ND	97.0	48-131	2.38	23	<u>,</u>
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135	1.90	27	
Toluene	2.57	0.0250	2.50	ND	103	48-130	2.19	24	
o-Xylene	2.69	0.0250	2.50	ND	108	43-135	2.55	27	
p,m-Xylene	5.37	0.0500	5.00	ND	107	43-135	2.85	27	
Total Xylenes	8.06	0.0250	7.50	ND	108	43-135	2.75	27	
Surrogate: Bromofluorobenzene	0.601	******	0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
	0.500		0.500			50.1 55			



0.500

112

70-130

0.559

Surrogate: Toluene-d8

Dagger Lake 6 #002 Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23052-0001 9/26/2023 10:47:20AM Dallas TX, 75240 Project Manager: Ashley Giovengo

Anal	

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

•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336070-BLK1)							Prepared: 09	9/07/23 An	alyzed: 09/08/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.555		0.500		111	70-130			
LCS (2336070-BS2)							Prepared: 0	9/07/23 An	alyzed: 09/08/23
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130			
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.562		0.500		112	70-130			
Matrix Spike (2336070-MS2)				Source:	E309033-	01	Prepared: 0	9/07/23 An	alyzed: 09/08/23
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130			
Surrogate: Bromofluorobenzene	0.618		0.500		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.569		0.500		114	70-130			
Matrix Spike Dup (2336070-MSD2)				Source:	E309033-	01	Prepared: 0	9/07/23 An	alyzed: 09/08/23
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.5	70-130	7.73	20	
Surrogate: Bromofluorobenzene	0.602		0.500		120	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.602 0.468		0.500 0.500		120 93.5	70-130 70-130			



Matador Resources, LLC.Project Name:Dagger Lake 6 #002Reported:5400 LBJ Freeway, Suite 1500Project Number:23052-0001Dallas TX, 75240Project Manager:Ashley Giovengo9/26/2023 10:47:20AM

Dallas 171, 732 10		Troject Manage	. 710	iney Groveng	-				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		A	analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2337001-BLK1)							Prepared: 0	9/11/23 Analy	zed: 09/11/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			
LCS (2337001-BS1)							Prepared: 0	9/11/23 Analy	zed: 09/11/23
Diesel Range Organics (C10-C28)	239	25.0	250		95.8	38-132			
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			
Matrix Spike (2337001-MS1)				Source:	E309008-0	09	Prepared: 0	9/11/23 Analy	zed: 09/12/23
Diesel Range Organics (C10-C28)	9290	250	250	8700	238	38-132			M4
Surrogate: n-Nonane	45.5		50.0		91.1	50-200			
Matrix Spike Dup (2337001-MSD1)				Source:	E309008-0	09	Prepared: 0	9/11/23 Analy	zed: 09/12/23
Diesel Range Organics (C10-C28)	8570	250	250	8700	NR	38-132	8.06	20	M4
Surrogate: n-Nonane	49.7		50.0		99.5	50-200			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Dagger Lake 6 #002 23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/26/2023 10:47:20AM

		Anions	by EPA 3	00.0/9056	A				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 (2336077-BLK1)							Prepared: 0	9/08/23 An	alyzed: 09/09/23
Chloride	ND	20.0							
LCS (2336077-BS1)							Prepared: 0	9/08/23 An	alyzed: 09/09/23
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2336077-MS1)				Source:	E309033-	01	Prepared: 0	9/08/23 An	alyzed: 09/09/23
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2336077-MSD1)				Source:	E309033-	01	Prepared: 0	9/08/23 An	alyzed: 09/09/23
Chloride	255	20.0	250	ND	102	80-120	0.707	20	

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Dagger Lake 6 #002	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/26/23 10:47

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



1	Received by
	OCD:
	10/5/
	2023
	2:47:00
	PM

Client: N	Matador Prod	duction C	ompany	T	Bill To			1	ah H	se On	lv			Т	AT		FPA P	rogram
	Dagger Lake				Attention: Matador Produc	ction Company	Lab WO	#		lob	Number	1D	2D	3D		ndard	CWA	SDW
	Manager: As				Address: on file		E309	703	33	23	052.0001					х		
	3122 Natio				City, State, Zip:						sis and Metho							RCR.
	te, Zip: Carls 575-988-005		88220		Phone: (337)319-8398		O by								1		Chaha	
	giovengo@e		com		Email: clinton.talley@mata	dorresources.com	NO/C				0	5			-	NM CO	State	TX
Report d				-			J/DR(8021	3260	010	300.	Z		X		×	OT AL	1A
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC		GDOC			Remarks	
10:24	9/1/2023	Soil	1 Jar		SS01 - 1'	1	M					х					1-0	
10:27	9/1/2023	Soil	1 Jar		SS03 - 1'	2						х						
11:30	9/1/2023	Soil	1 Jar		SS05 - 1'	3						x						
11:26	9/1/2023	Soil	1 Jar		SS07 - 1'	4						x						
11:33	9/1/2023	Soil	1 Jar		SS09 - 1'	5						x						
11:39	9/1/2023	Soil	1 Jar		SS11 - 1'	6						х						at .
10:21	9/1/2023	Soil	1 Jar		SS13 - 1'	7	- 1					х						
12:44	9/1/2023	Soil	1 Jar		SS14 - 1'	8				E		х						
11:36	9/1/2023	Soil	1 Jar		SS15 - 1'	9						x						
12:58	9/1/2023	Soil	1 Jar		SS18 - 1'	10						x						
					n.com, agiovengo@ensolum.co	om, chadhmilton(m.co	m	Sample	es requiring thermal	oreserv	ation mu	ust be re	received o	on ice the day	they are samp	led or
ate or time	of collection is c	onsidered fi	raud and ma	y be grounds for lega	action. Sampled by:					receive	d packed in ice at an	1000				6 °C on subse	equent days.	
Coll	W.		Date G.	5-27 Time	A A A COLOR	7 950		8		Rece	eived on ice:		ab Us		nly			
Mic	ed by: (Signafur	infe_	Date G-	523 Time		8 9.5.	23 Time	80	0	T1		<u>T2</u>				T3		
elingushe	ed by: (Signatur	e) /	Date a .	1,23 Time	13 Received by: (signature)	Date /		35			Temp °C	J						



envirotech

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	09/06/23 (05:35		Work Order ID:	E309033
Phone:	(972) 371-5200	Date Logged In:	09/05/23	16:10		Logged In By:	Caitlin Mars
Email:	agiovngo@ensolum.com	Due Date:		17:00 (4 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location mate	ch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: Co	<u>ourier</u>		
4. Was the	COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)	•••		Г		<u> </u>	
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	•						
	ample cooler received?		Yes				
	vas cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>ontainer</u>						
14. Are aq	ueous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the l	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 no	on-VOC samples collected in the correct containers?		Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lab	<u>el</u>						
	field sample labels filled out with the minimum info	rmation:					
	imple ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
			No				
	reservation he COC or field labels indicate the samples were pr	eserved?	No				
	mple(s) correctly preserved?	csci ved:	NA				
	filteration required and/or requested for dissolved m	etals?	No				
	•	caus.	110				
	se Sample Matrix	-n	3.7				
	he sample have more than one phase, i.e., multiphas		No				
	does the COC specify which phase(s) is to be analy	zed?	NA				
	act Laboratory						
	mples required to get sent to a subcontract laborator	-	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab:	na		
Client In	<u>struction</u>						

Date

Released to Imaging: 10/6/2023 12:35:05 PM

	nformation					Cha	in of Custo	ody										Pag	e1_	Received of
	Matador Pro		Company		Bill	To		5/1/201		Lab U	lse O	alv	4 7 4 4 5 1 5	1	19-14	TA	T	FDA D	rogram	ed by OCD: 10/5/2023 2:47:00 PM
	Dagger Lak				Attention: Matador P	roduction Co	mpany	Lab W	O#		loh	Num	ber	1D	2D	3D	Standard	CWA	SDWA	1 00
	Manager: A				Address: on file			E30	90.	33	23	052	2.000				Х			D:
The second secon	3122 Nation				City, State, Zip:							_	nd Metho				E PARTIE		RCRA	10
	575-988-005		, 88220		Phone: (337)319-8398			by O												5
	giovengo@e		com		Email: clinton.talley@	matadorreso	urces.com	/ORC										State		202
Report d		<u> </u>	20111					DRO,	12	09	0	300.0		N. N.		X	NM C	O UT AZ	TX	3 2
Time			No. of				Lab	TPH GRO/DRO/ORO by	8015 BTEX by 8021	VOC by 8260	Metals 6010	de 3(×			:47
Sampled	Date Sampled	Matrix	Containers	Sample ID			Number	PH G	015 TEX	OC P	letal	Chloride		BGDOC		GDOC		Remarks		9:
10:24	9/1/2023	Soil	1 Jar		SS01 - 1'		1	-	00 00	>	2	O		m m	-	5	-) P
		3011	1 Jai				1							X			alia	nt as	La AL	Z
10:27	9/1/2023	Soil	1 Jar		SS03 - 1'		2				1						CINE	iu uc	rae	
11.20	0/4/0000						ム							X			to	remov	e	
11:30	9/1/2023	Soil	1 Jar	100	SS05 - 1'		3							1						1
11:26	9/1/2023													X			Sar	nole S	518-1	
11.20	3/1/2023	Soil	1 Jar		SS07 - 1'		4							X			01	1		
11:33	9/1/2023				SS09 - 1'			_		-				^			91	25/23		
	5/2/2025	Soil	1 Jar		3309 - 1		5							x				011		
11:39	9/1/2023	Call			SS11 - 1'			-	-							-	_	CM		
		Soil	1 Jar		5511 1		0							X						
10:21	9/1/2023	Soil	1 Jar		SS13 - 1'		n		-				-							
		3011	1 101				7							Х						
12:44	9/1/2023	Soil	1 Jar		SS14 - 1'		0													
44.00							8							X						
11:36	9/1/2023	Soil	1 Jar		SS15 - 1'		9													
12:58	9/1/2023						l							X						
12.30	8/1/2023	Soil	1 Jar		SS18-1'		10		-					-						
Additiona	Instruction	s. Plaz	so CC: ch	urton@oncelum a										X	1					
	· mstruction	is. Tiea.	se cc. cb	ui toil@elisolum.c	om, agiovengo@ensolu	m.com, chad	hmilton@	ensolu	m.co	m										
, (field sample	er), attest to the	validity and	authenticity	of this sample. I am aw	are that tampering with or intent	ionally mislahellir	of the sample	location			Sample	roquisi.	ng thermal a				ived on ice the da	WI TO THE RESERVE OF THE PERSON OF THE PERSO		
date or time o	f collection is co	nsidered fra	ud and may	be grounds for legal acti	ion. Sampled by:	ionally mislabelli	g the sample	iocation,									s than 6 °C on sub		ed or	
Relinquished	by: (Signature	e)	Date	Time	Received by: (Signature)		Date	Time	,							Only			Town Table 1	
Colle	?	,	19-5	5-27 11:00	Mulle G	unt 1	9-5-2		00		Rece	ved o	on ice:	Ö		Offin				
	by: (Signature	- 11	Date	Time	Received by: (Signature)	1	Date	Time	0		nece	ved	JII ICE.	U	/ 14					
	we di		Control of the last of the las	523 1800	Ander !	Muss	9.5.7	25 1	60	0	T1			T2	-	and a second of the	<u>T3</u>			
Relinquished	by: (Signature	2) /	Date	1 23 Time 11/	Regived by: (signature)	10	Date La-	Time	05											
end	Ven 1	1455	a M. K	0.65 CH	20 Calle 11	lin	11612:	5 5	5.	>	AVG	Temp	°C L						10.75	
ample Watrix	: 5 - Soil, Sd - So	lid, Sg - Sludi	ge, A - Aque	ous, O - Other			Container T	ype: g -	glass		ale /ml			er glas	SS, V -	VOA		value to discount	78.74.5	
amples is an	es are discarde policable only t	o those sar	nnles recen	are reported unless o	other arrangements are made. with this COC. The liability of t	Hazardous sa	mploc will be	ratium	d 40 0	Design to the last	or all the same of			ent exp	ense	The	eport for the	analysis of th	e above	Pa



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 273014

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	273014
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created		Condition Date
amaxv	Historical documentation located under 1RP-2616 includes a final C-141 approved on 11/02/2010. Closure approved.	10/6/2023