S	pill Volume	(Bbls) Calculator			
		, Outputs in red			
Length(Ft)	gth(Ft) Width(Ft) Depth(In)				
<u>775.000</u>	<u>3.000</u>	<u>36.000</u>			
Cubic Feet	Impacted	<u>6975.000</u>			
Barr	els	<u>1242.21</u>			
Soil T	уре	Sand			
Bbls Assum	ing 100%	248.44			
Satura	ition	<u>240.44</u>			
Saturation	Damp	no fluid when squeezed			
Estimated Barı	rels Released	24.90000			

Instructions

- 1.Input spill measurements below. Length and width need to be input in feet and depth in inches.
- 2. Select a soil type from the drop down menu.
- 3. Select a saturation level from the drop down menu.

(For data gathering instructions see appendix tab)

<u>Measurements</u>						
Length (ft)	775					
Width (ft)	3					
Depth (in)	36.000					









October 8, 2024

NMOCD District 2 Artesia, NM 88210

Bureau of Land Management Ms. Crisha Morgan 620 East Green Street Carlsbad, NM 88220

Re: Work Plan

Riser 38

GPS: Latitude 32.8415 Longitude -104.061

U/L "B," Sec. 15, T17S, R29E

Eddy County, NM

NMOCD Ref. No. NAPP2322647988

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform remediation activities for the Release Site known as the Riser 38 (Riser). Details of the release are summarized below:

Release Details									
Type of Release:	Produced Water	Volume of Release: 24 bbls							
v 1	Produced water	Volume Recovered: 5 bbls							
Source of Release:	Polypipe Failure	Date of Release: 8/14/23							
Was Immediate Notice Given?	No	If, Yes, to Whom? N/A							
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse: N/A							
Surface Owner:	Federal	Mineral Owner:							

Topographical and Wetlands Maps are provided as Figures #2 and #4.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of any fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

- Depth to Groundwater in the affected area 100-500'
- Method to determine DTW NM OSE
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

What are the minimum distances between the closest lateral extents of the release and the following surface areas:

- A Continuously flowing watercourse or any other significant watercourse-> 5 Mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1-5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 500-1000'
- A subsurface mine- >5 mi
- An (non-karst) unstable area- Zero feet, overlying, or within the area
- Categorize the risk of this well/site being in a karst area geology- High
- A 100-year floodplain- 1/2-1 mi
- Did the release impact areas not on an exploration, development, production, or storage site- Yes

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- and is made up of older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of the High Plains region (middle to lower Pleistocene)- Includes scattered lacustrine playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of quaternary deposits (QOA). The soil in this area is made up of Reeves-Gypsum land complex, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well-drained. There is a High potential for karst geology to be present around the Riser (Figure #3).

INITIAL SITE ASSESSMENT

Another company originally assessed the site, and the samples were subsequently submitted to an approved laboratory for analysis. A table summarizing the laboratory analytical results from the soil samples collected during the above-stated activities is provided below:

Soil Sample Results

S				50		le Resul	ıs				
	C	ncentre	tions of B	TEX TO		de I oride in Soi	Snue Fre	rgy Partners,	HC		
		- Lenus	and and E	That I'll		r 38	. Spur Effe	armers,	LLC		
				NMO		nAPP23226	17988				
						-				-	
	OCD Closure Cr Reclamation Sta			10	50	-	-		2	100	500
NMOCD	Reciamation Sta	ngarg.		10 SW 846			SV	846 8015M Ex		199	4500 CX
		Depth	Today A	Benzene	BTEX	GRO C ₁ -	DRO E N	GRO+DRO	ORO CH	TPH C	Chloride
Sample ID	Date	(Feet)	Soll Status	(mg/kg)	(mg/kg)	Con	E ₁₈	£ 43	E ₁₄	Su	(mg/kg)
	100				1000	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10.50
EH1 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH1 @ 1/	8/23/2023	-1	În-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH1 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,0
NH1@1'	8/23/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	≤20,0	<10.0	<30.0	.64.0
NH2 @ 0	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
NH2 @ 1'	8/23/2023	-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH3 @ 0	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH3 @ 1'	8/23/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH4 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
NH4 @ 0'	5/23/2024	0	In-Situ	< 0.050	< 0.300	<10.0	≤10.0	≤20,0	<10.0	<30.0	<16.0
NH4 @ 1'	8/23/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH4 @ 1'	5/23/2024	1	In-Situ	< 0.050	< 0.300	<10.0	≤10,0	≤20,0	<10.0	<30.0	<16.0
NH5 @ 0	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30,0	48.0
NH5 @ 1	8/23/2023	-1	In-Situ	< 0.050	< 0.300	<10.0	- ₹10,0	<20,0	<10.0	<30.0	32.0
SH1 @ 0'	8/23/2023	0	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20,0	<10.0	<30.0	48.0
SHI @ I'	8/23/2023	1	In-Situ	< 0.050	< 0.300	<10.0	≤10,0	≤20,0	<10.0	<30.0	32.0
SH2 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20,0	<10.0	<30.0	32.0
SH2 @ V	8/23/2023	-1	In-Situ	< 0.050	<0.300	<10.0	≤10.0	≤20,0	<10.0	<30.0	32.0
SH3 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SH3 @ I'	8/23/2023	1	In-Situ	< 0.050	< 0.300	<10.0	≤10.0	<20.0	<10.0	<30.0	64.0
SH4 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20,0	<10.0	<30.0	48.0
SH4 @ 1/	8/23/2023	-1	In-Situ	<0.050	<0.300	<10.0	≤10.0	<20.0	<10.0	<30.0	32.0
SH5 @ 0'	8/23/2023	0	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20,0	<10.0	<30.0	32.0
SH5 @ I'	8/23/2023	1	In-Situ	<0.050	<0.300	<10.0	≤10.0	<20.0	<10.0	<30.0	16.0
WH1 @ 0"	8/23/2023	0	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30,0	48.0
WH1 @ 1'	8/23/2023	- 1	In-Situ	<0.050	<0.300	<10.0	≤10.0	<20,0	<10.0	<30.0	32.0
VI @ 0'	8/23/2023	5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,800
VI @ 5'	8/23/2023		In-Situ	< 0.050	< 0.300	<10.0	<10.0	≤20.0	<10.0	<30.0	14,400
SP 1 @ 14' SP 1 -18'	3/12/2024 5/13/2024	14	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,880 4,640
SP 1 - 22'	5/13/2024	22	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
V2 @ 0/	8/23/2023	0	In-Situ	< 0.050	0.801	21.2	316	337	49.4	387	14,400
V2 @ 5'	8/23/2023	5	In-Situ	< 0.050	4.53	21,3	117	138	13.1	151	15,800
SP 2 @ 14"	3/12/2024	14	In-Situ	~W.W.2W	4.33	<10.0	<10.0	<20.0	<10.0	<30,0	2,200
SP 2 - 18'	5/13/2024	18	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
SP 2 - 22'	5/13/2024	22	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
V3 @ 0	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,600
V3 @ 5'	8/23/2023	5	In-Situ	< 0.050	< 0.300	<10,0	<10.0	<20.0	<10.0	<30,0	18,000
SP 3 @ 14'	3/12/2024	14	In-Situ	-	-	<10,0	<10.0	<20.0	<10.0	<30.0	768
SP 3 - 18"	5/13/2024	18	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
V4 @ 0	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	18.2	18.2	<10.0	18.2	11,400
V4 @ 5'	8/23/2023	5	In-Situ	< 0.050	< 0.300	<10,0	<10,0	≤20.0	<10.0	<30.0	10,600
SP 4 @ 6'	3/12/2024	6	In-Situ		-	<10.0	<10,0	<20.0	<10.0	<30,0	272
V5 @ 0'	8/23/2023	0	In-Situ	< 0.050	< 0.300	<10.0	672	672	175	847	4,800
V5 @ 5'	8/23/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
SP 5 @ 6'	3/12/2024	.6	În-Situ		- 14	<10.0	≤10.0	<20,0	<10.0	<30.0	192

Laboratory analytical reports are provided in Appendix B. A Site Map is provided in Figure 1

PROPOSED REMEDIATION ACTIVITIES

Based on the analytical results, site characteristics, and field observations made during the site assessment, Paragon recommends the following remedial activities be conducted to advance the Release Site towards an NMOCD and BLM-approved closure:

- Utilizing mechanical equipment and a hydrovac, we will excavate the impacted soils that were above the NMOCD Closure Criteria ranging in depths. This excavation was discussed between Braidy Moulder of Spur and Robert Hamlet with the NMOCD. Holly Sinclair had stipulations in regard to the safety of the individuals and the integrity of their pipelines. It was verbally agreed upon that the excavation would only go 6 feet below any of the pipelines for the safety of individuals and to maintain the integrity of the pipelines. See HF Sinclairs letter Appendix C. A clay and bentonite liner will be installed in the areas of SP1, SP2, and SP3. These are areas where delineation depths were greater than what all parties would deem safe depths of excavation. See Site Map for the below areas of excavation and different depths.
 - The areas of SP1, SP2, and SP3 will follow the plan to excavate 4-6 feet below where we have potholed and found the pipelines. The square feet of these combined areas are 9500 s/f and account for approximately 3530 yards.
 - The areas of SP4 and SP5 will be fully excavated to a total depth of 13 feet BGS. These areas measure 4200 s/f and account for 2022 yards.
- A confirmation soil sampling event in accordance with 19.15.19.12 NMAC will be conducted, giving the OCD a 48-hour notification

If you have any questions or need any additional information, please feel free to contact Chris Jones by phone or email.

Respectfully,

Chris Jones

Environmental Professional Paragon Environmental, LLC

Attachments

Figures:

- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetland Map
- 5- Line Map 1
- 6- Line Map 2

Appendices:

Appendix A- Referenced Water Surveys

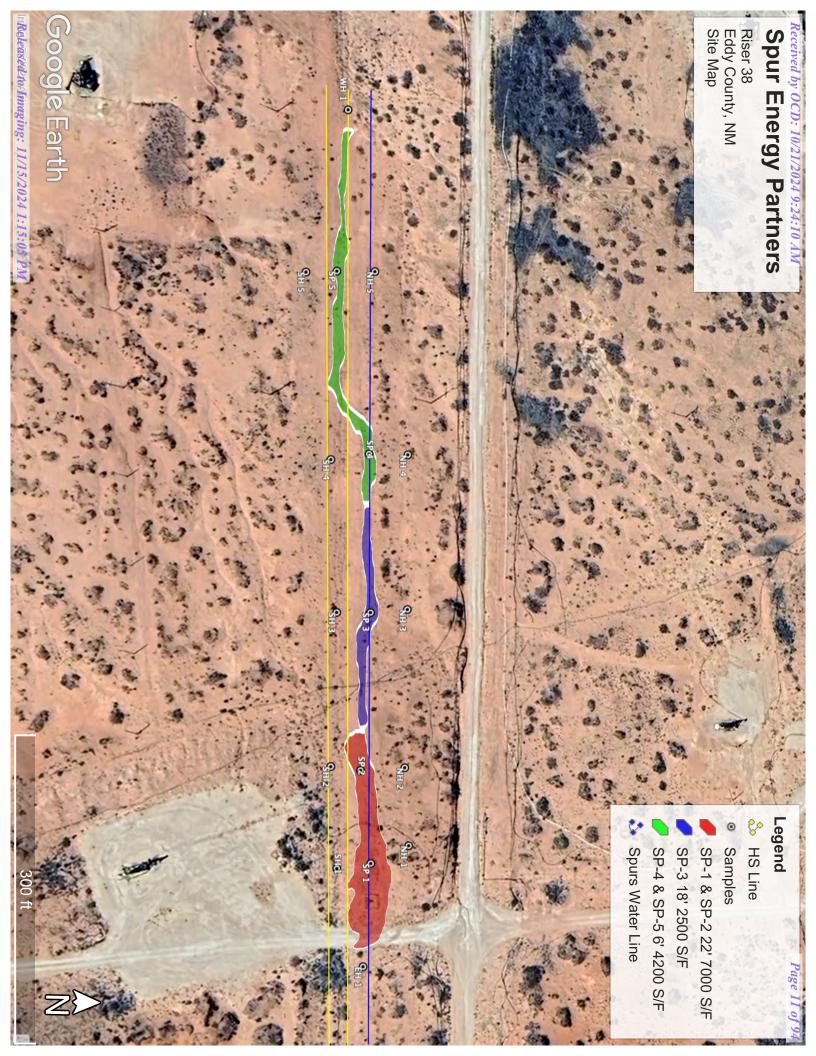
Appendix B- Laboratory Results

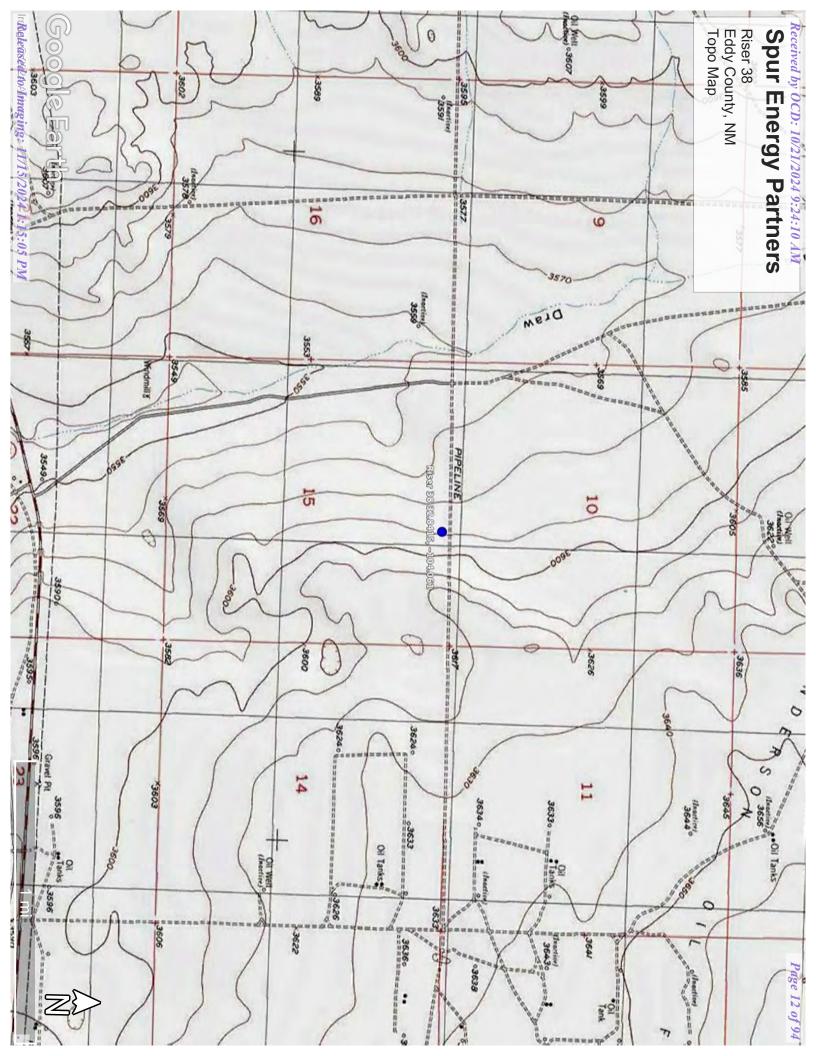
Appendix C- HF Sinclair Letter

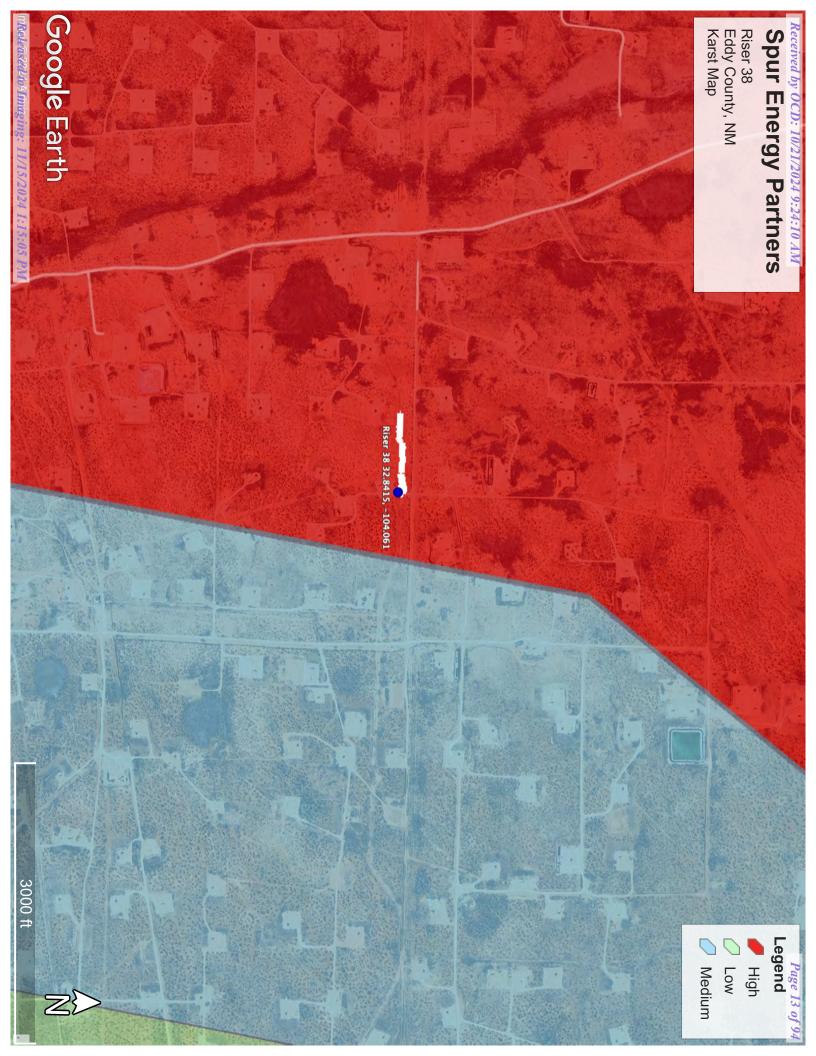


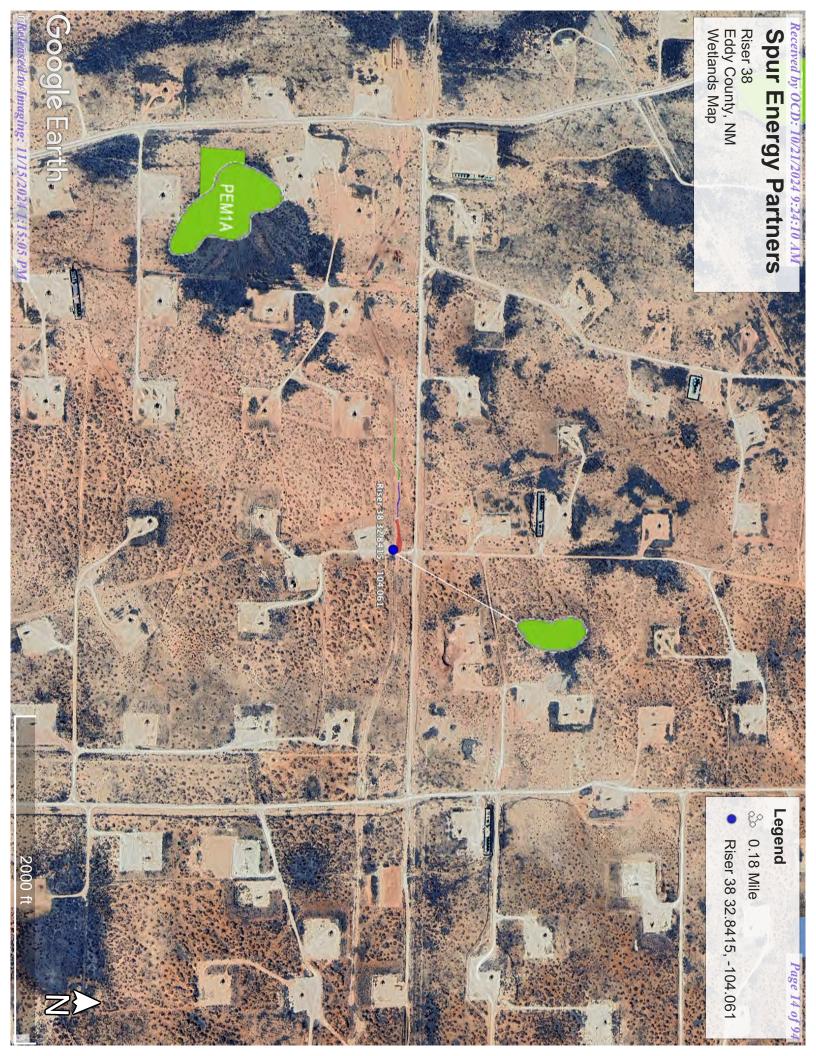
Figures:

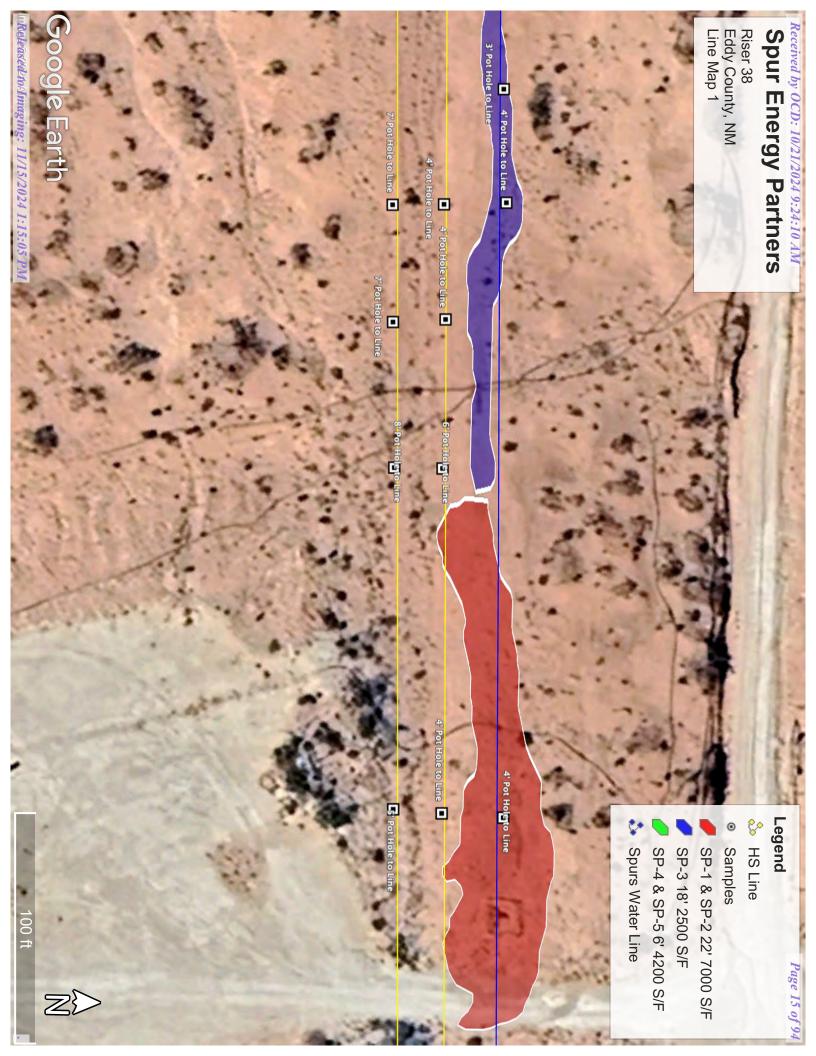
- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetlands Map
 - 5- Line Map 1
 - 6- Line Map 2

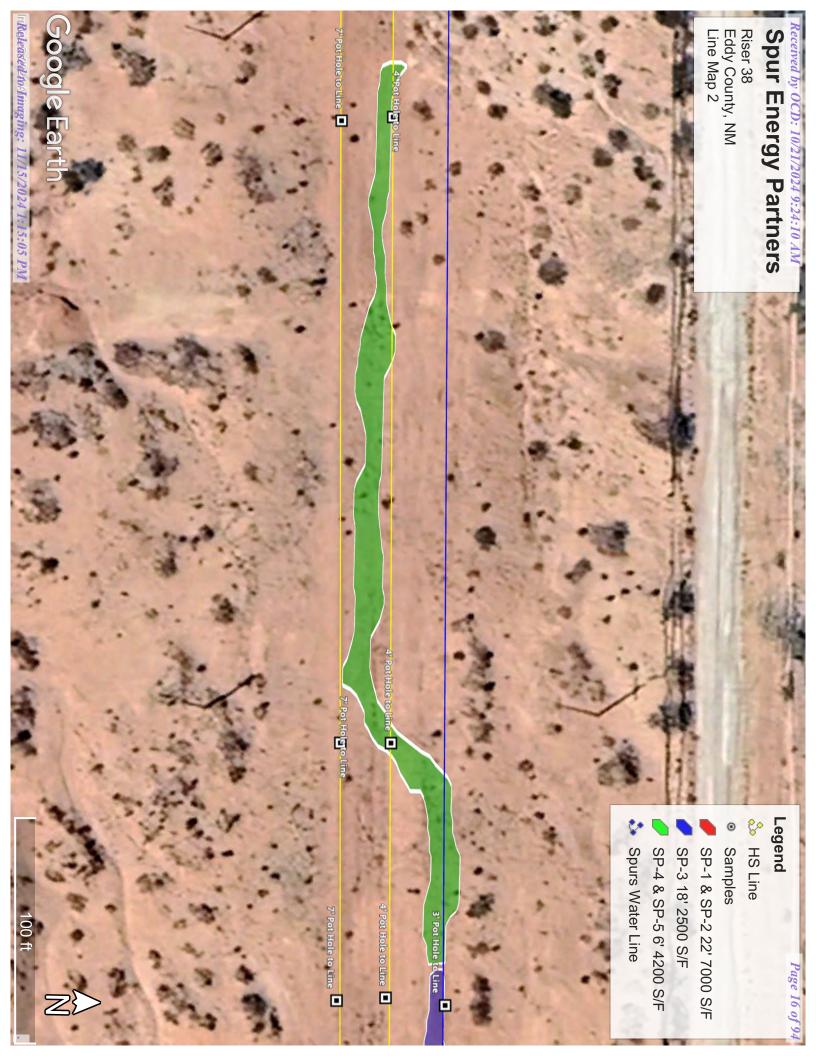














Appendix A:

Referenced Water Data

New Mexico State of Engineers Office



2904 W 2nd St. Roswell, NiM 88201 voice: 575.624.2420 fax; 575.624.2421 www.atkinseng.com

April 10 2023

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: RA-13283 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, RA-13283 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Groon Modelin

160 bij 467 i 02023:#6127



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

_												
NO	OSE POD NO. (W POD 1 (TW-1		.)	WELL N/A	TAG ID NO.		OSE FILE NO(RA-13283	S).				
CATI	WELL OWNER I						PHONE (OPTIO 832-930-850					
GENERAL AND WELL LOCATION	well owner i						CITY Houston		STA TX		ZIP	
AND V	WELL LOCATION					ONDS 2.88 N	* ACCURACY	REQUIRED: ON	E TENTH OF	F A SECOND		
NERAI	(FROM GPS)	LO	TITUDE NGITUDE			.39 W		QUIRED: WGS 84				
1. GE			NG WELL LOCATION TO F17S R29E, NMPM		D COMMON LAND	MARKS – PLS	S (SECTION, TO	WNSHJIP, RANG	E) WHERE A	AVAILABLE		
	LICENSE NO. 1249		NAME OF LICENSED		D. Atkins			NAME OF WE		IG COMPANY ring Associates, I	nc.	
	DRILLING STAR 03/29/20		DRILLING ENDED 03/29/2023	DEPTH OF COMPLETE			LE DEPTH (FT) ±101	DEPTH WATE		ICOUNTERED (FT)		
har	COMPLETED W	ELL IS:	ARTESIAN	VI DRY HOLE		WATER LEVEL PLETED WELL	N/A	DATE STATIC 04/03/				
ATION	DRILLING FLUI	D:	AIR	MUD MUD	(* 1)							
ORM,	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS INSTALLED											
& CASING INFORMATION	DEPTH (fee	t bgl)	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and		CON	ASING NECTION TYPE			CASING WALL THICKNESS (inches) (inc		
k CAS	0	101	6.25"		note sections of screen) (add coupling di Soil Borning		ling diameter)					
ING &												
2. DRILLING												
2. D												
								1				
								<u>neg ng</u>	į.			
	DEPTH (fe	et bgl)	BORE HOLE	LIST AND	NULAR SEAL M	ATERIAL A	AND	AMOU	JNT	метно		
ANNULAR MATERIAL	FROM	ТО	DIAM. (inches)	GRAVEL PA	ACK SIZE-RANG	SE BY INTE	ERVAL	(cubic	feet)	PLACEN	MENT	
ATE					N/A	-						
AR M												
NUL												
3. AN												
	OSE INTERNA	AL USE			BOD NO				ORD & LC	OG (Version 01/2	8/2022)	
-	E NO. CATION				POD NO.		WELL TAG I			PAGE	1 OF 2	
Loc	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						TELL IAUI.	D MO.		1		

	DEPTH (1	eet bgl)		COLOR AND TYPE OF MATERIAL	ENCOUR	PERFO			ESTIMATED
	FROM	то	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL INCLUDE WATER-BEARING CAVITIES (attach supplemental sheets to fully	OR FRAC	CTURE ZONE	S BEA	ATER .RING? S / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	50	50	Gypsum consolidated,	white		Y	✓ N	
	50	60	10	Gypsum, consolidated, with fine-	grained tan	n sand	Y	✓ N	
	60	70	10	Sand, fine grained poorly graded, semi-con	solidated,	Tannish Brown	Y	✓ N	
	70	75	5	Gypsum, with fine-grained sand	, White to	Tan	Y	√ N	
	75	85	10	Clay, Stiff, with silt, high dry st	trength, bro	own	Y	✓ N	
Ţ	85	95	10	Gypsum, with fine-grained sand	, White to	Tan	Y	✓ N	
WEL	95	101	6	Clay, Stiff, with silt, high dry streng	th, Reddisl	h brown	Y	√ N	
4. HYDROGEOLOGIC LOG OF WELL							Y	N	
90							Y	N	
ICI							Y	N	
007							Y	N	
EO							Y	N	
ROC							Y	N	
HXD							Y	N	
4.							Y	N	
							Y	N	
							Y	N	
							Y	N	
							Y	N	
							Y	N	
							Y	N	
	METHOD U	_	_	OF WATER-BEARING STRATA: BAILER OTHER – SPECIFY:			TOTAL ESTI WELL YIEL		0.00
Z	WELL TEST			ACH A COPY OF DATA COLLECTED DURIN ME, AND A TABLE SHOWING DISCHARGE A					
TEST; RIG SUPERVISION	MISCELLAY	NEOUS IN	bei	moved temporary well material from soil be low ground surface, then placed hydrated be cord.	oring, back	kfilled with d om 10 feet to	ground surfa	om total dece. See att	ached plugging
TES	PRINT NAM	E(S) OF D	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPER	VISION O	F WELL CON	STRUCTION (OTHER TH	HAN LICENSEE:
5.1	Shane Eldrid	lge, Came	ron Pruitt						
SIGNATURE	CORRECT R	ECORD O	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KI ESCRIBED HOLE AND THAT HE OR SHE W DAYS AFTER COMPLETION OF WELL DR	ILL FILE	GE AND BEL THIS WELL F	IEF, THE FOR ECORD WITI	EGOING I	IS A TRUE AND ATE ENGINEER
6. SIGN	Jack At	kins		Jackie D. Atkins			04/1	0/2023	
		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME				DATE	
FOI	R OSE INTERN	IAL USE				WR-20 WE	LL REÇORD &	LOG (Ve	rsion 01/28/2022
	E NO.			POD NO.		TRN NO.			
LO	CATION				WELL	TAG ID NO.			PAGE 2 OF 2



PLUGGING RECORD



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

	ERAL / WELL OWNERSHIP:		
State Er	gineer Well Number: RA-13283 POD-1		
Well ov	ner: Spur Energy Partners LLC	Phone No.:	832-930-8502
Mailing	address: 9655 Katy Freeway Suit 500		
City: H	louston Sta	te: Texas	Zip code:
II. WE	LL PLUGGING INFORMATION:		
1)	Name of well drilling company that plugged well	Jackie D. Atkins (Atkins Enginee	ering Associates Inc.)
2)	New Mexico Well Driller License No.: 1249	E	xpiration Date: 04/30/23
3)	Well plugging activities were supervised by the for Shane Eldridge, Cameron Pruitt	ollowing well driller(s)/rig supervis	sor(s):
4)	Date well plugging began: 04/03/2023	Date well plugging conclud	ded: 04/03/2023
5)	GPS Well Location: Latitude: 32 Longitude: 104	deg, 50 min, 37 deg, 17 min, 19	83 sec 43 sec, WGS 84
6)	Depth of well confirmed at initiation of plugging by the following manner: weighted tape	as:101 ft below ground le	vel (bgl),
7)	Static water level measured at initiation of pluggi		
8)	Date well plugging plan of operations was approve	red by the State Engineer:02/27/2	2023
9)	Were all plugging activities consistent with an ap differences between the approved plugging plan a		
		8	E 011 PPR L0 2023 #247

Version: September 8, 2009

Page 1 of 2

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

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
_	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
b	10'-101' Drill Cuttings	Approx. 145 gallons	145 gallons	Boring	
-					
; -					
-					
-	٥	ø	۰	05E 017 4	PR 10 2023 pm2:47
_		MULTIPLY cubic feet x 7. cubic yards x 201.	BY AND OBTAIN 4805 = gallons 97 = gallons		

III. SIGNATURE:

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

Jack Atkins	04/10/2023
Signature of Well Driller	Date

Version: September 8, 2009

RA-13283-POD1-WR-20 Well Record and Log-packetforsign

Final Audit Report 2023-04-10

Created: 2023-04-10

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAAnr_fN5dTZpLTf2PMDw3WcaV4E4hR0mQK

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03E JU AR \$ 2023 PX2,47



Appendix B:

Laboratory Results



August 29, 2023

ZACH CONDER

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RISER 38

Enclosed are the results of analyses for samples received by the laboratory on 08/23/23 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: NH1 @ 0' (H234587-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: NH1 @ 1' (H234587-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH2 @ 0' (H234587-03)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 %	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH2 @ 1' (H234587-04)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: NH3 @ 0' (H234587-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH3 @ 1' (H234587-06)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH4 @ 0' (H234587-07)

BTEX 8021B

DIEX GOZID	11197	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH4 @ 1' (H234587-08)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: NH5 @ 0' (H234587-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH5 @ 1' (H234587-10)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/26/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.40	120	2.00	1.91	QM-07
Total Xylenes*	<0.150	0.150	08/26/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SH1 @ 0' (H234587-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/26/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: SH1 @ 1' (H234587-12)

BTEX 8021B

DIEX GOZID	ıııg,	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/26/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SH2 @ 0' (H234587-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/26/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	101 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SH2 @ 1' (H234587-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/26/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 08/23/2023
 Sampling Date:
 08/23/2023

 Reported:
 08/29/2023
 Sampling Type:
 Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SH3 @ 0' (H234587-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/26/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: SH3 @ 1' (H234587-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Celey D. Keine



08/23/2023

Soil

Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

08/23/2023 Sampling Date: 08/29/2023 Sampling Type:

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: SH4 @ 0' (H234587-17)

Received:

Reported:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SH4 @ 1' (H234587-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

ma/ka

Sample ID: SH5 @ 0' (H234587-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: SH5 @ 1' (H234587-20)

BTEX 8021B

	9/	9	71.14.17.20						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: EH1 @ 0' (H234587-21)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: EH1 @ 1' (H234587-22)

BTEX 8021B	mg,	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: WH1 @ 0' (H234587-23)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: WH1 @ 1' (H234587-24)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: V1 @ 0' (H234587-25)

BTEX 8021B

DILX GOZID	mg/	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: V1 @ 5' (H234587-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

ma/ka

Sample ID: V2 @ 0' (H234587-27)

RTFY 8021R

B1EX 8021B	mg	кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	0.105	0.050	08/27/2023	ND	2.33	117	2.00	2.80	GC-NC1
Ethylbenzene*	0.215	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	0.481	0.150	08/27/2023	ND	7.15	119	6.00	1.45	GC-NC1
Total BTEX	0.801	0.300	08/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.2	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	316	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	49.4	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Kreine



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: V2 @ 5' (H234587-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34		
Toluene*	0.290	0.050	08/27/2023	ND	2.33	117	2.00	2.80	GC-NC1	
Ethylbenzene*	1.23	0.050	08/27/2023	ND	2.40	120	2.00	1.91		
Total Xylenes*	3.02	0.150	08/27/2023	ND	7.15	119	6.00	1.45	GC-NC1	
Total BTEX	4.53	0.300	08/27/2023	ND					GC-NC1	
Surrogate: 4-Bromofluorobenzene (PID	150 9	% 71.5-13	4							
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15800	16.0	08/28/2023	ND	416	104	400	10.9		
TPH 8015M	mg/	/kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	21.3	10.0	08/26/2023	ND	175	87.5	200	5.68		
DRO >C10-C28*	117	10.0	08/26/2023	ND	176	88.0	200	7.93		
EXT DRO >C28-C36	13.1	10.0	08/26/2023	ND						
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8							

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Celeg D. Freene



Analytical Results For:

Etech Environmental & Safety Solutions **ZACH CONDER** 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: V3 @ 0' (H234587-29)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	99.0	2.00	3.34	
Toluene*	<0.050	0.050	08/27/2023	ND	2.33	117	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.40	120	2.00	1.91	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	7.15	119	6.00	1.45	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23600	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

ma/ka

Sample ID: V3 @ 5' (H234587-30)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	08/27/2023	ND	2.23	111	2.00	3.00	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.25	112	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.70	112	6.00	4.16	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

ma/ka

Sample ID: V4 @ 0' (H234587-31)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	08/27/2023	ND	2.23	111	2.00	3.00	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.25	112	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.70	112	6.00	4.16	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11400	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	18.2	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: V4 @ 5' (H234587-32)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	08/27/2023	ND	2.23	111	2.00	3.00	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.25	112	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.70	112	6.00	4.16	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SPUR - RURAL EDDY COUNTY, NM

ma/ka

Sample ID: V5 @ 0' (H234587-33)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	08/27/2023	ND	2.23	111	2.00	3.00	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.25	112	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.70	112	6.00	4.16	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	672	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	175	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/23/2023 Sampling Date: 08/23/2023

Reported: 08/29/2023 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: V5 @ 5' (H234587-34)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	08/27/2023	ND	2.23	111	2.00	3.00	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.25	112	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.70	112	6.00	4.16	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	08/28/2023	ND	416	104	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	175	87.5	200	5.68	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	176	88.0	200	7.93	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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	Page 61 o
Company Name:	AF.
Etech Environmental & Safety Solutions, In	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS

REQUEST

Sampler Name: Matthew Grieco and Martin Sepulvedo Project Location: 185-185H City: Project Name: Project #: Phone #: Address: 2617 W Marland Project Manager: Company Name: FOR LAB USE ONLY Lab I.D. 22 2 Hobbs 18608 (575) 264-9884 ARDINAL LABORATORIES V3 @ 0' V2 @ 5' V2 @ 0' V1 @ 5' WH1 @ 1" WH1 @ 0' EH1 @ 1" EH1 @ 0' Riser 38 V1 @ 0' 101 East Marland, Hobbs, NM 88240 Rural Eddy County, NM (575) 393-2326 FAX (575) 393-2476 Zach Conder Etech Environmental & Safety Solutions, Inc. Sample I.D Project Owner: Fax #: State: X 0 9 0 9 0 0 0 9 (G)RAB OR (C)OMP 0 Zip: 88240 -4 -1 -# CONTAINERS Spur Energy Partners GROUNDWATER WASTEWATER × × ×× × × ××× MATRIX SOIL SLUDGE City: OTHER State: Fax #: Phone #: P.O. #: Attn: Company Address: ACID/BASE: PRESERV × × × × × × × CE / COOL Z OTHER BILL TO 8/23/23 8/23/23 8/23/23 Spur Energy Partners 8/23/23 8/23/23 8/23/23 8/23/23 8/23/23 Zip: DATE Kathy Purvis SAMPLING

Chloride

TPH (8015M)

BTEX (8021B)

TIME

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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Sample Condition

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Revision 1.0 LEASE NOTE: Liability and City: Sampler Name: Matthew Grieco and Martin Sepulvedo Project Location: Project Name: Riser 38 Phone #: Project #: Project Manager: Address: FOR LAB USE ONLY Lab I.D. ingen in Hobbs 18608 (575) 264-9884 2617 W Marland V5 @ 5' V5 @ 0' V4 @ 5' V4 @ 0' Rural Eddy County, NM Etech Environmental & Safety Solutions, Inc. Zach Conder Sample I.D. Time: Project Owner: Fax #: State: ever shall be deemed † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 Z Received By (G)RAB OR (C)OMP 0 0 0 0 Zip: 88240 # CONTAINERS Spur Energy Partners GROUNDWATER Sample Condition WASTEWATER MATRIX ×××× SOIL writing and received by Cardinal within 30 days after completion of the applicable OIL SLUDGE City: OTHER State: Fax #: Phone #: Attn: P.O. #: Address: Company ACID/BASE PRESERV. CHECKED BY: × × × × ICE / COOL Z Z OTHER BILL TO Spur Energy Partners 8/23/23 Zip: 8/23/23 8/23/23 8/23/23 DATE Kathy Purvis SAMPLING ed by client, its subsidiers Please email results and copy of CoC to pm@etechenv.com. Fax Result: REMARKS: Phone Result TIME × × × Chloride □ Yes × × × TPH (8015M) ON ON × × × BTEX (8021B) Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



March 18, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 38

Enclosed are the results of analyses for samples received by the laboratory on 03/13/24 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/13/2024 Sampling Date: 03/12/2024

Reported: 03/18/2024 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SP 1 @ 14' (H241294-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	03/14/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2024	ND	210	105	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2024	ND	209	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	03/14/2024	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

Sample ID: SP 2 @ 14' (H241294-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	03/14/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2024	ND	210	105	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2024	ND	209	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	03/14/2024	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/13/2024 Sampling Date: 03/12/2024

Reported: 03/18/2024 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SP 3 @ 14' (H241294-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	03/14/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2024	ND	210	105	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2024	ND	209	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	03/14/2024	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Sample ID: SP 4 @ 6' (H241294-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/14/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2024	ND	210	105	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2024	ND	209	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	03/14/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/13/2024 Sampling Date: 03/12/2024

Reported: 03/18/2024 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: 18608 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: SP 5 @ 6' (H241294-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/14/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2024	ND	210	105	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2024	ND	209	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	03/14/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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0	Bus - Other:	Time:	Time Time	elect or successors arising out of or related to the perfogrance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Phone Resultable Date: Received By:	SEAR NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the space. All claims including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.				OP5 @ 6	SP4 @ 6	SP3 @ 14	SP2 @ 14	SP1 @ 14'	Sample I.D.		Robbie Runnels	: Kurai Eddy County, NM	Ü	200	- CT 000T	(575) 264-0884		2617 W Marland	r: Robbie Runnels	
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May 17, 2024

JOSEPH GUESNIER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: RISER 38

Enclosed are the results of analyses for samples received by the laboratory on 05/13/24 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

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Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 05/13/2024 Reported: 05/17/2024

Project Name: RISER 38
Project Number: KH247023
Project Location: SPUR - EDDY CO

Sampling Date: 05/13/2024 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 18' (H242593-02)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.0	2.00	10.5	
Toluene*	<0.050	0.050	05/14/2024	ND	1.89	94.4	2.00	8.94	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.5	2.00	8.57	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.47	91.2	6.00	8.62	
Total BTEX	<0.300	0.300	05/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	81.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	05/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	200	100	200	8.67	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	200	100	200	3.67	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Analyzed By MC

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 05/13/2024 Reported: 05/17/2024

Project Name: RISER 38
Project Number: KH247023
Project Location: SPUR - EDDY CO

Sampling Date: 05/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 22' (H242593-04)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.95	97.6	2.00	1.20	
Toluene*	<0.050	0.050	05/15/2024	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	2.08	104	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.42	107	6.00	1.17	
Total BTEX	<0.300	0.300	05/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2024	ND	180	90.1	200	0.0200	
DRO >C10-C28*	<10.0	10.0	05/15/2024	ND	172	86.1	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	05/15/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 05/13/2024 Reported: 05/17/2024

Project Name: RISER 38
Project Number: KH247023
Project Location: SPUR - EDDY CO

ma/ka

Sampling Date: 05/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 2 - 18' (H242593-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.0	2.00	10.5	
Toluene*	<0.050	0.050	05/14/2024	ND	1.89	94.4	2.00	8.94	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.5	2.00	8.57	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.47	91.2	6.00	8.62	
Total BTEX	<0.300	0.300	05/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	81.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	200	100	200	8.67	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	200	100	200	3.67	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Analyzed By: MC

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Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 05/13/2024 Reported: 05/17/2024

Project Name: RISER 38
Project Number: KH247023
Project Location: SPUR - EDDY CO

Sampling Date: 05/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 2 - 22' (H242593-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.95	97.6	2.00	1.20	
Toluene*	<0.050	0.050	05/15/2024	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	2.08	104	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.42	107	6.00	1.17	
Total BTEX	<0.300	0.300	05/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2024	ND	180	90.1	200	0.0200	
DRO >C10-C28*	<10.0	10.0	05/15/2024	ND	172	86.1	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	05/15/2024	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 05/13/2024 Reported: 05/17/2024

Project Name: RISER 38 Project Number: KH247023 Project Location: SPUR - EDDY CO Sampling Date: 05/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 18' (H242593-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.0	2.00	10.5	
Toluene*	<0.050	0.050	05/14/2024	ND	1.89	94.4	2.00	8.94	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.5	2.00	8.57	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.47	91.2	6.00	8.62	
Total BTEX	<0.300	0.300	05/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	81.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	200	100	200	8.67	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	200	100	200	3.67	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	CARDINAL	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUE

page of 2

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Company Name: Tel	Terracon		BILL TO	ANALYSIS REQUEST	
Project Manager: Te	Joseph Guesnies Travis	Casey	P.O.#:		
Address:			Company: Sput Energy	co res	_
city: Carbbad	State: N/M Zip:	Attn:	Kathy	Vew Exic EXI IA	
Phone #:	Fax#:	Adu		Me Me	_
Project #: KH24	KH247023 Project Owner:	City:	V. Artesia		_
Project Name: Riser		Sta	2	Ven Ver	
Project Location:		Pho	Phone #: 575-44 86/1	1	
Sampler Name: Haron	an Adams / Becky his	Miller Fax#	(#		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		
Lab I.D. 4/24/2893	(G)RAB OR (C)OM	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER : DATE	Hold Chlorides BTEX TPH Hold A	
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Om (stall)	Date: Rêde	Wed By:	KAULE REMARKS.		
				rele	
Delivered By: (Circle One)	Observed Temp. °C 20	Sample Condition	CHECKED BY: Turnarou (Initials)	Standard Bacteria (only) Standard Cool Intact	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

Company Name: Terraco		BILL TO	ANALYSIS REQUEST	
2.5	Guesnies Travis Case	P.O.#:	ANALISIS NEGOCIO	+
Address:		Company: Sour Energy	20	
city: Carbbad	State: NM Zip:	Attn: Mathy Puris	bxii,	
Phone #:	Fax#:	Address:	M	
Project #: KH247023	Project Owner:	city: Antosia	ew Sic	
Project Name: Riser 38	00	2	No Me	
Project Location:		Phone #: 575-441-8619		
Sampler Name: Agron	Adams Becky Sue Miller	4		
	,	PRESERV. SAMPLING	4. Ne	
Lab I.D. Samp	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE	Hold Chloridas BTEX TPH	
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14 3/3-22		1:34		
18 313-26		%:// //:35	××	
PLEASE NOTE: Liability and Damages. Caudina's liability and Damages. All claims including those for negligation and a unarrives. All claims including those for negligation and a unarrives. In no event shall Cardinal be liability for the particular or successors. "Visigo of of or instable to the next affiliation or successors."	EASE NOTE: Liability with Durnages. Caudinate liability and client's exclusive revinely for any claim stating whether based in contract or loc, shall be limited to the piper. All claims including those for expligence and any other cause elystrocever shall be desired snated unless made in writing and excessed by Caudinal weight vice. In so event shall Cardinal be labile for incidental or consequented durages, including without intention, business sharingfrom, loss of use, or loss of profits intention to event shall Cardinal be labile for incidental or consequented durages, including without intention, business sharingfrom, loss of use, or loss of profits intention to event shall cardinal manufacture.	ct or loct, shall be lamited to the amount paid by the client for the set received by Castlead within 30 days after completon of the application of one of profits incorred by client, its subsidiance,	The repairmable feet.	
Relinquished By:	Time: 5 Received By:	Verbal Result: All Results are en REMARKS:	sult: Yes No Add'l Phone #: are emailed. Please provide Email address: Major - Miner: 7010-7410	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Sample Condition Cool Macy Corrected Temp. °C ID feet (a Vos	CHECKED BY:	Sta	ů
000000000000000000000000000000000000000	No No	Correction Factor 0°C	S Day	ů



May 24, 2024

ROBBIE RUNNELS
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: RISER 38

Enclosed are the results of analyses for samples received by the laboratory on 05/23/24 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/24/2024 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: SPUR - RURAL EDDY COUNTY, NM

Sample ID: NH4 @ 0' (H242885-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/24/2024 Sampling Type: Soil

Project Name: RISER 38 Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: MS

Project Location: SPUR - RURAL EDDY COUNTY, NM

mg/kg

Sample ID: NH4 @ 1' (H242885-02)

BTEX 8021B

	9/	9	7.1.4.7.2						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 Ea (575)	101 East Mariand, Hobbs, NM 66246 (575) 393-2326 FAX (575) 393-2476		
Company Name: Ete	Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Robbie Runnels	bbie Runnels	P.O. #:	
Address: 2617 W Marland	rland	Company Spur Energy Partners	
City: Hobbs	State: NM Zip: 88240	Attn: Kathy Purvis	
Phone #: (575) 264-9884	884 Fax#:	Address:	
S. M. S.			

	(575) 393-2326 FAX (575) 393-2476 Etech Environmental & Safety Solutions, Inc.	tions, Inc.		*	BILL TO		+1	+1	-
an	ager: Robbie Runnels 2617 W Marland			P.O. #:	Spur Energy Partners	artners			
City: Hobbs	State: NM	Zip: 88240	40	Attn:	Kathy Purvis	S	_		_
Phone #: (575) 2	(575) 264-9884 Fax #:			Address:			_		_
Project #: 18608	Project Owner:		Spur Energy Partners	ers City:					_
Project Name: Riser 38	er 38			State: NM	Zip:		_		15M 021E
Project Location:	Rural Eddy County, NM			Phone #:			lori	100	(80
Sampler Name: Robbie Runnels	bbie Runnels			Fax #:			Ch	m	_
FOR LAB USE ONLY			MATRIX	PRESERV.	V. SAMPLING	G		-	_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL	OTHER:	TIME			
N	NH 4 @ 0'		×		5/23/24		×		×
N	NH 4 @ 1'	G 1	×	×	5/23/24		×		×
PLEASE NOTE: Liability and D innalyses. All claims including the	LEASE NOTE: Lability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the nalyses. All claims including those for negligence and any other cause whatsoewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable of the applicable of the state	any claim arisin e deemed waw ng without limite	ng whether based in co ed unless made in write ation, business interrup	intract or fort, shall be liming and received by Cardi fons, loss of use, or loss	ited to the amount par nat within 30 days after of profils incurred by	unt paid by the client for the sys after completion of the a ed by client, its subsidiaries.	pplic	able	
Relinquished By:	ors arising out of or related to the performance of services hersunder by pd By: Date: 7871 Time: 8 Date: 9 Date: 9	Receiv	Received By: Received By: Received By:	claim is based upon any	ary of the above stated is	Phone Result: Fax Result: REMARKS:	ā		☐ Yes
Delivered By:	Delivered By: (Circle One)		Sample Condition Cool Intact		CHECKED BY: (Initials)	Please email results and copy of CoC to pm@etechenv.com.	ail re		sults and copy of CoC to pm@e
Sampler - UPS - Bus - Other: #	Bus - Other:# 1 40		□ No □ No		8				

Revision 1.0 FORM-006



Appendix C:

HF Sinclair Approval Letter



Kathy Purvis EHS Coordinator Spur Energy Partners 1 October 2024

RE: Proposed Workplan for Riser 38 Release

After review of the proposed workplan for the Spur Energy Partners Riser 38 release, HFSinclair Midstream (HFSM) has the following conditions and requests in regard to the workplan:

- 1. The contractor performing the remediation should be familiar with digging around pipelines, pipeline protection zones, and possess the operator qualifications (OQ) as related to excavation and backfill. This includes ensuring that lines are properly supported during duration of the work being completed. All work must be under the complete oversight of an HFSM operator qualified technician who must be on-site during all excavation around HFSM pipelines.
- 2. The pipeline should be completely exposed to allow for the HFSM personnel to complete a pipeline S123 report. Based upon these findings repairs may need to be made before backfill can be completed.
- 3. Backfill material utilized around the pipeline must be:
 - a. Be free of rocks, trash, and debris
 - b. Have low chloride content, <10ppm
 - c. Be well-graded and compactable to provide adequate support and minimize the movement of the pipeline
- 4. The liner should be placed 6' under the line so that if HFSM must conduct future excavation activities around our pipelines we do not puncture the liner that has been placed by Spur.
- 5. HFSM will not agree to any workplan till the Bureau of Land Management (BLM) and the New Mexico State Land Office (NMSLO) has agreed to workplan suggested since both parties have ownership of the impacted areas.

If you have any questions I can be reached at (214) 970-8902.

Thank you,

/Jason Leik

Director Remediation

HF Sinclair Remediation Program

Holly Energy Partners – Operating, L.P. hollyenergy.com

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

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

QUESTIONS

Action 394042

QUESTIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	394042
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2322647988
Incident Name	NAPP2322647988 RISER 38 RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RISER 38 RELEASE
Date Release Discovered	08/12/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 24 BBL Recovered: 5 BBL Lost: 19 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A PIN HOLE DEVELOPED IN THE RISER LEG RELEASING PRODUCED WATER INTO THE PASTURE

Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 394042

QUESTIONS (continued)

QUESTI	ions (continued)
Operator:	OGRID:
Spur Energy Partners LLC 9655 Katy Freeway	328947 Action Number:
Houston, TX 77024	394042
11000001, 17(11021	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 10/21/2024

Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 394042

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	394042
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)	
A wetland	Between 500 and 1000 (ft.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	High	
A 100-year floodplain	Between ½ and 1 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submis	ssion	Yes
Attach a comprehensive report demonstrating the lateral and vertical	extents of soil contamination as	sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination bee	n fully delineated	Yes
Was this release entirely contained within a lined contain	ment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		rams per kilograms.)
Chloride (EPA 300.0 or SM4500 (CIB)	23600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 80	15M)	847
GRO+DRO (EPA SW-846 Method 8	015M)	847
BTEX (EPA SW-846 Method 8	021B or 8260B)	4.5
Benzene (EPA SW-846 Method 8	3021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterizati which includes the anticipated timelines for beginning and completing.		forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence		01/06/2025
On what date will (or did) the final sampling or liner inspe	ction occur	01/31/2025
On what date will (or was) the remediation complete(d)		01/31/2025
What is the estimated surface area (in square feet) that v	vill be reclaimed	13700
What is the estimated volume (in cubic yards) that will be	reclaimed	5552
What is the estimated surface area (in square feet) that v	vill be remediated	13700
What is the estimated volume (in cubic yards) that will be	remediated	5552
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 394042

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	394042
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Katherine Purvis
Title: EHS Coordinator

Final: katherine purvis 6

Email: katherine.purvis@spurenergy.com Date: 10/21/2024

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

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 394042

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	394042
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 394042

QUESTIONS (continued)

QUESTIONS (continued)			
Operator: Spur Energy Partners LLC	OGRID: 328947		
9655 Katy Freeway Houston, TX 77024	Action Number: 394042		
	Action Type:		
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		
QUESTIONS			
Sampling Event Information			
Last sampling notification (C-141N) recorded	{Unavailable.}		
Remediation Closure Request			
Only answer the questions in this group if seeking remediation closure for this release because al	I remediation steps have been completed.		
Requesting a remediation closure approval with this submission	No		

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 394042

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	394042
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. A Variance Request was approved on October 21st, 2024. "The following variance is approved. Areas SP1, SP2, and SP3 will need to be excavated to 6 feet below where the pipelines have been potholed and found. A clay/bentonite liner will need to be installed. The areas of SP4 and SP5 will be fully excavated to a total depth of 13 feet BGS. A confirmation soil sampling event in accordance with 19.15.19.12 NMAC will be conducted, giving the OCD a 48-hour notification. If for some reason the depth of the excavation cannot be reached or safety hazards arise, a formal letter from the pipeline company will still need to be included in the remediation plan for future reference and the incident will remain open. The letter would need to reference the safety issues and why it is not safe to continue with the excavation process." Please follow the approved Variance Request.	11/15/2024
rhamlet	All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The release area will need confirmation samples representing no more than 200 ft2. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. All off-pad areas must meet reclamation/revegetation standards set forth in the OCD Spill Rule.	11/15/2024