

April 29, 2025

NMOCD District 2 1811 S. First St., Artesia, New Mexico 88210

SUBJECT: Remediation Closure Report for the Lotus SWD #001 Release (NAPP2110953917), Lea County, New Mexico

To Whom It May Concern,

On behalf of Owl SWD Operating LLC, Strata Resources (Strata) has prepared this Remediation Closure Report that describes the remediation of a release of liquids related to oil and gas production activities at the Lotus SWD #001. The site is in Unit A, Section 32, Township 22S, Range 32E, Lea County, New Mexico, on state land. Figure 1 illustrates the vicinity and site location on an USGS 7.5-minute quadrangle map.

Table 1 summarizes release information and closure criteria.

	Table 1: Release Information and Closure Criteria											
Name	Lotus SWD #001	Company	Owl SWD Operating LLC									
API Number	N/A	Location	32.35341, -103.69041									
Incident Number	n.	APP2110953917										
Estimated Date of Release	04/14/2021	Date Reported to NMOCD	04/19/2021									
Land-Owner	State	Reported To	NMOCD, NMSLO									
Source of Release	Check valve malfunction											
Released Volume	20 bbls	Released Material	Produced Water									
Recovered Volume	0 bbls	Net Release	20 bbls									
NMOCD Closure Criteria	<50 feet to groundwater											
Strata Response Dates	12/11/2024, 01/17/2025, 3/13/2025											



1.0 Background

On April 14, 2021, a release was discovered at the Lotus SWD #001 after a check valve had malfunctioned. Initial response actions were conducted by the operator and included source elimination by means of repair, site stabilization, and release recovery. The release consisted of 20 barrels of produced water with no recoverable quantities. Figures 1 and 2 illustrate the vicinity and site location, while Figure 3a illustrates the release location.

2.0 Site Information and Closure Criteria

The Lotus SWD #001 is located approximately 24 miles northeast of Loving, New Mexico on New Mexico State owned land at an elevation of approximately 3555 feet above mean sea level (amsl).

Based upon the New Mexico Office of the State Engineers (NMOSE) and United States Geological Survey online water well database, depth to groundwater in the area is greater than 50 feet below grade surface (bgs). There is no known water well sources within ½-mile of the location, according to the NMOSE database (https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 01/26/2025). The nearest significant water feature is an un-named waterbody/playa, located approximately 9,094 feet southeast of the location.

The nearest significant watercourse is an un-named draw that leads to Red Tank, located approximately 12,3245 feet northwest of the location. Figure 2 illustrates the site with 200 and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of less than 50 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix A.

3.0 Release Characterization and Remediation Activities

On April 14, 2021, a release was discovered at the Lotus SWD #001 after a check valve had malfunctioned. Initial response actions were conducted by the operator and included source elimination by means of repair, site stabilization, and release recovery. The release consisted of 20 barrels of produced water with no recoverable quantities.

Strata Resources was hired to conduct a reclamation workplan on behalf of Owl SWD Operating for the Lotus SWD #001 to New Mexico State Land Office (NMSLO). During the desktop review of Lotus SWD #001, Strata found that incident no. nAPP2110953917 was still open. Strata contacted Nelson Velez to notify NMOCD that Strata will be working on getting incident no. nAPP2110953917 closed out concurrent with reclamation activities.



On December 11, 2024, initial site investigation activities were performed at the Lotus SWD #001. Soil samples were collected throughout the visibly stained area, as well as other areas of concern to determine vertical extent.

A total of twenty-seven (27) sample points (SP1-SP27) were vertically delineated within the areas of concern to depths up to five (5) feet bgs. Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. A total of 27 samples were collected for laboratory analysis for chloride using the United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel, and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

On December 18, 2024, laboratory analysis indicated that sample locations SP1, SP3, SP4, SP22 – SP27 exceeded NMOCD closure criteria.

On January 17, 2025, personnel returned to the site to further delineate sample locations SP1, SP3, SP4, SP22 – SP27. The areas surrounding sample locations SP4, SP22, SP24, and SP26 were delineated to ten (10) feet bgs. The areas surrounding sample locations SP1, SP3, SP23, SP25, and SP27 were delineated to eight (8) feet bgs.

A total of thirteen (13) samples were collected for laboratory analysis for chloride using the United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel, and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

On January 28, 2025, Strata received laboratory confirmation that all samples were below NMOCD closure criteria.

On February 19, 2025, Owl SWD Operating submitted the remediation workplan and it was approved on March 03, 2025.

4.0 Remediation Activities

Remediation activities were completed in two areas. The first area surrounding confirmation sample points CBS1-CBS9 was excavated to a depth of ten (10) feet bgs. The second area surrounding confirmation sample points CBS10-CBS25 was excavated to a depth of eight (8) feet bgs. NMOCD was notified on March 10, 2024, that closure samples were expected to be collected in two (2) business days. A copy of this notification is included in Appendix D.

Confirmation samples were comprised of representative wall and base 5-point composite samples, each representing 200 ft² of the exposed excavation area. A total of twenty-five (25) confirmation samples were collected (CBS1-CBS25) at the base of the excavation and a total of fifteen (15) sidewall samples (CSW1-CSW15). In addition, a sample (Backfill) was collected from the media being used as backfill material.



All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Cardinal Laboratories, in Hobbs, New Mexico (Appendix C). A total of forty-one (41) samples were collected for laboratory analysis of total chloride using the United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel, and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

Approximately 1,920 cubic yards of contaminated soil were removed and replaced with clean backfill material in order to return the surface to previous conditions. The contaminated soil was transported for disposal at R360 Environmental Solutions near Hobbs, NM, an NMOCD-permitted disposal facility. Photographs of the area during excavation are included in Appendix E.

On March 19, 2025, Strata received lab confirmation that all samples were below NMOCD closure criteria (Table 4). Figure 3b shows the extent of the excavation and confirmation sample locations. All laboratory results are summarized in Table 4 and the analytical reports are included in Appendix C.

5.0 Reclamation Report and Revegetation Plan

Following confirmation sampling, the excavated areas were backfilled with locally sourced "like-kind" material. The impacted area was re-contoured and compacted to achieve erosion control, stability, and preservation of surface water erosion to the extent practicable. Photographs of the area following backfill and reclamation are included in Appendix E.

The affected area was reseeded on April 22, 2025, with landowner-approved seed mixture of approximately 2.28-acre rate of Deep Sand (DS) Sites Mixture seed blend by hand-held broadcast method and disked in. Figure 4 illustrates the area that was reclaimed and reseeded. This area was reclaimed and reseeded as a part of the NMSLO Reclamation Workplan following plug and abandonment designation.

Regular surveys will be conducted semi-annually to monitor the health and growth of vegetation. Once the vegetative growth meets the life-form ratio of plus or minus 50% of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds (NMAC 19.15.29.13 D. (3)), a site-specific Revegetation Report will be completed. The Revegetation Report will include:

- An executive summary of the revegetation activities
- A scaled site map of the revegetated areas
- Revegetation inspections detailing the life-form ratio / no noxious weeds
- Photographs



6.0 Cultural and Biological Compliance

The Lotus SWD #001 reclaim will be conducted within the leased property of equipment needed for production activities and will not affect areas previously undisturbed. Therefore, reclamation activities will not require an Archeological Records Management Section (ARMS) review.

The Lotus SWD #001 is within the Isolated Population Area and the timing restrictions area for the Lesser Prairie Chicken Habitat. Therefore, no work will be conducted within the hours of 3:00 am to 9:00 am between March 1st and June 15th.

7.0 Scope and Limitations

The scope of our services included: verifying release stabilizations; regulatory liaison; and preparation of remediation plan and closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Hayden Acosta at 505-249-9506 or hayden@strataresourcesllc.com.

Submitted by:

Strata Resources LLC

Hayden Acosta **Project Scientist**



ATTACHMENTS

Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Site Characterization Map

Figure 3a: Proposed Excavation Depth Map

Figure 3b: Confirmation Sampling and Excavation Map

Figure 4: Reclamation and Seeding Area Map

Tables:

Table 2: NMOCD Closure Criteria
Table 3: Summary of Sample Results

Table 4: Summary of Confirmation Sample Results

Appendices:

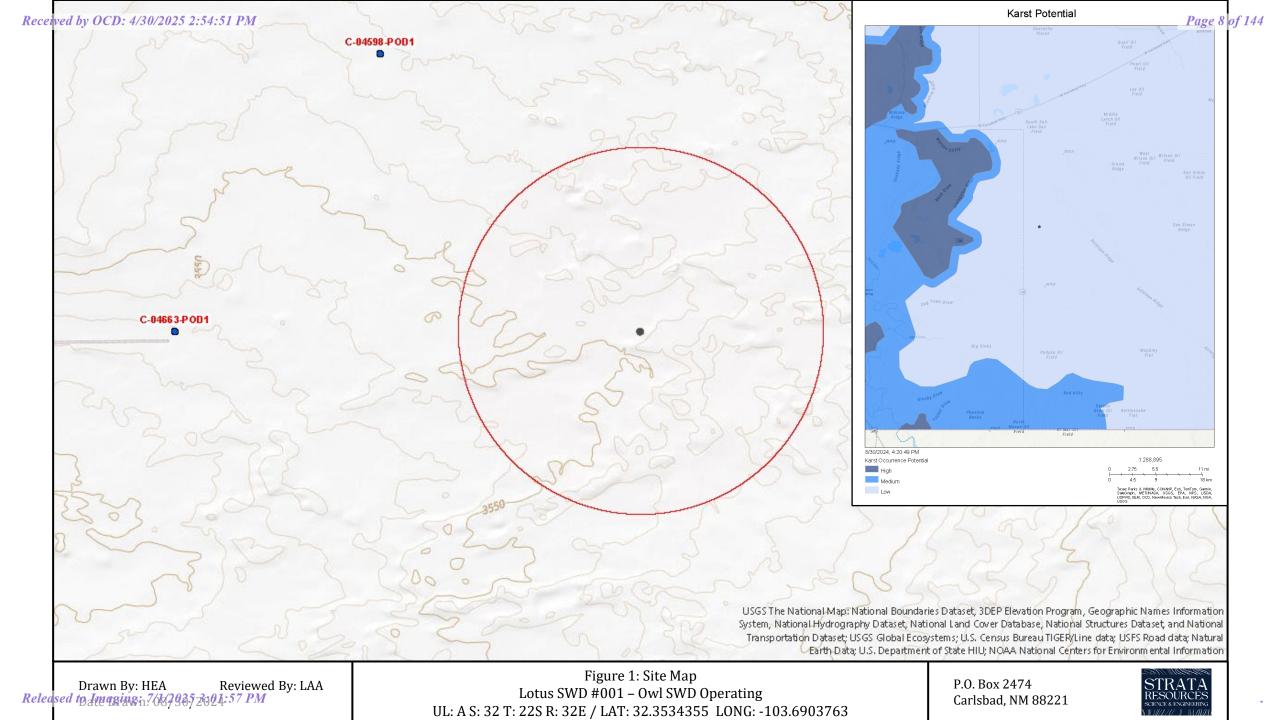
Appendix A: NMOCD Correspondence Appendix B: NMOSE Wells Report

Appendix C: Analytical Laboratory Results Appendix D: Notification of Sampling

Appendix E: Photo Log



FIGURES





Drawn By: LAA Reviewed By: HEA Released to Linguistin 7/1/27025 2004: 57 PM

Figure 2: Aerial Site Map Lotus SWD #001 – Owl SWD Operating UL: A S: 32 T: 22S R: 32E / LAT: 32.3534355 LONG: -103.6903763

P.O. Box 2474 Carlsbad, NM 88221





Drawn By: HEA Reviewed By: LAA Released to Linguistin 7/16/2005 2004:57 PM

Lotus SWD #001 - Owl SWD Operating UL: A S: 32 T: 22S R: 32E / LAT: 32.3534355 LONG: -103.6903763 Carlsbad, NM 88221





Drawn By: LAA Reviewed By: HEA Released to Linguistin 7/1/27025 2001: 57 PM

Figure 3a: Proposed Excavation Map Lotus SWD #001 – Owl SWD Operating UL: A S: 32 T: 22S R: 32E / LAT: 32.3534355 LONG: -103.6903763

P.O. Box 2474 Carlsbad, NM 88221





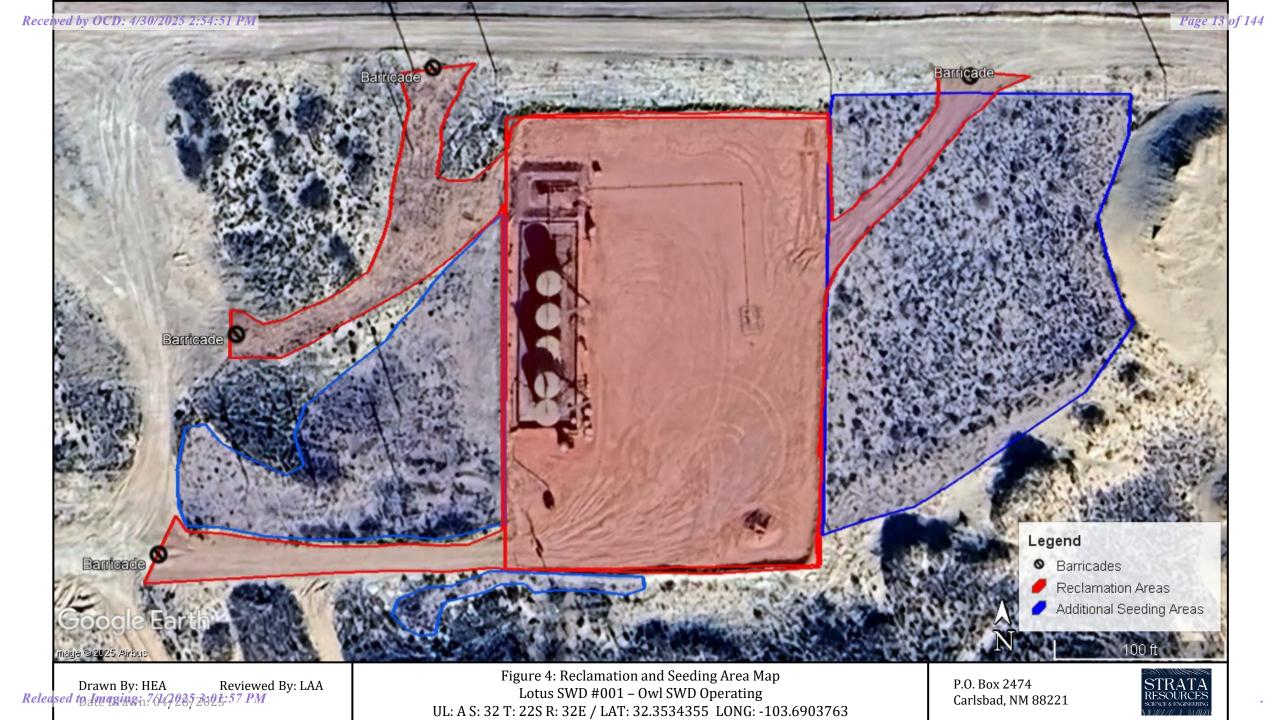
Drawn By: HEA Reviewed By: LAA Released to Linguistin 7/14/2035/2004: 57 PM

Lotus SWD #001 – Owl SWD Operating

UL: A S: 32 T: 22S R: 32E / LAT: 32.3534355 LONG: -103.6903763

Carlsbad, NM 88221







TABLES

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)		Source/Notes
Depth to Groundwater (feet bgs)	> 50	New Mexico Office of the State Engineer
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	> 1/2 Mile	United States Geological Survey Topo Map
Hortizontal Distance to Nearest Significant Watercourse (ft)	> 10,000	United States Geological Survey Topo Map

Closure Criteria (19.15.2	l Table 1 NMAC)					
		Closu	ıre Criteria	(units in n	ng/kg)	
Depth to Groundwater		Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	ВТЕХ	Benzene
< 50' BGS	Х	600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water	yes or no		if yes	s, then		
<300' from continuously flowing watercourse or other significant watercourse?	No					
<200' from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas		600	100		50	10
<300' from an occupied permanent residence, school, hospital, institution or church?	No					
within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No]				
within an unstable area?	No]				
within a 100-year floodplain?	No					

Sample ID	Sample Date	Proposed Action	Depth (feet bgs)	BTEX mg/Kg	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	MRO mg/Kg	Total TPH mg/Kg	Cl- mg/Kg
NMO	OCD Closure Crit	teria <50		50	10			-	100	600
			Surface	-	-	-	-	1	-	-
			1	-	-	-	-	-	-	-
	12/11/2024	Excavate	2	-	-	-	-	-	-	-
SP1	12/11/2021	Excurate	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	1010
	1/17/2025	In-Situ	8	-	-	-	-	-	-	<16.0
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	256
SP2	12/11/2024		2	-	-	-	-	-	-	-
		In-Situ	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			Surface	-	-	-	-	-	-	-
			1	-	-	-	-	-	-	-
SP3	12/11/2024	Excavate	2	-	-	-	-	-	-	-
3P3			3	-	-	-	-	-	-	-
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	1310
	1/17/2025	In-Situ	8	-	-	-	-	-	-	32
	1/17/2025	III-SILU	Surface	-	_	-	-		-	-
			1		_		_		-	-
			2	_	_	_	_	-	-	-
SP4	12/11/2024	Excavate	3	_	_	_	_	_	_	-
5			4	_	_	_	_	-	_	_
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	816
	1/17/2025	In-Situ	10	-	-	-	-	-	-	16
	, ,	Excavate	Surface	-	-	-	-	-	_	_
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	96
SP5	12/11/2024		2	-	-	-	-	-	-	-
		In-Situ	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			Surface	-	-	-	-	-		-
			1	-	-	-	-	ı	-	-
SP6	12/11/2024	Excavate	2	-	-	-	-	-	-	-
350	12/11/2024		3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
		In-Situ	5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	496
			Surface	-	-	-	-	-	-	-
		Excavate	1	-	-	-	-	-	-	-
SP7	12/11/2024		2	-	-	-	-	-	-	-
			3	-	-	-	-	-	-	-
		In-Situ	4	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	384
			Surface	-	-	-	-	-	-	-
		Fyer:t-	1	-	-	-	-	-	-	-
SP8	12/11/2024	Excavate	2	-	-	-	-	-	-	-
	12/11/2024		3	-	-	-	-	-	-	-
		In Cit.	4	- 200						
		In-Situ	5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	544

Owl SWD Operating, LLC Lotus SWD #001 - NAPP2110953917

		Firesinata	Curtana	ı			1			
		Excavate	Surface			- 410.0	- 410.0	- 10.0		-
CDO	12/11/2024		1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	96
SP9	12/11/2024	In-Situ	2	-	-	-	-	-	-	-
			3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	64
SP10	12/11/2024	In-Situ	2	-	-	-	-	-	-	-
			3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
SP11	12/11/2024	In-Situ	2	-	-	-	-	-	-	-
			3	-	-	-		-	-	-
			4	-	-	-	-	-	-	-
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
SP12	12/11/2024	In-Situ	2	-	-	-	-	-	-	-
		III Situ	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
			1	-	-	-	-	-	-	-
SP13	12/11/2024	In-Situ	2	-	-	1	-	-	-	ı
			3	-	-	-	-	-	-	1
			4	-	-	-	-	-	-	-
			Surface	-	-	-	-	-	-	-
			1	-	-	-		-	-	-
SP14	12/11/2024	Excavate	2	-	-	-	-	-	-	-
SP14	12/11/2024		3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
		In-Situ	5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	576
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
SP15	12/11/2024	1. 63	2	-	-	-	-	-	-	-
		In-Situ	3	-	-	-	=.	-	-	-
			4	-	-	-	-	-	-	-
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	64
SP16	12/11/2024		2	-	-	-	-	-	-	-
		In-Situ	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	_
			Surface	-	-	-	-	-	-	-
		Excavate	1	-	-	-	-	-	-	-
SP17	12/11/2024		2	_	_	-	-	-	-	-
J. 17	12, 11, 2024		3	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	352
		In-Situ	4	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-

	ı		T = -		1		1	1		
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	368
SP18	12/11/2024	In-Situ	2	-	-	-	-	-	-	-
			3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			Surface	-	-	-	-	-	-	-
		Excavate	1	-	-	-	-	-	-	-
SP19	12/11/2024		2	-	-	-	-	-	-	-
		In-Situ	3	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	160
		III Sita	4	-	-	-	-	-	-	-
		Excavate	Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	176
SP20	12/11/2024	In-Situ	2	-	-	-	-	-	ı	-
		III-Situ	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			Surface	-	-	-	-	-	-	-
			1	-	-	-	-	-	-	-
CD24	12/11/2024	Excavate	2	-	-	-	-	-	-	-
SP21	12/11/2024		3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
		In-Situ	5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	144
			Surface	-	-	-	-	-	-	-
			1	-	-	-	-	-	-	-
	42/44/2024	F	2	-	-	-	-	-	-	-
SP22	12/11/2024	Excavate	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	960
	1/17/2025	In-Situ	10	-	-	_	-	-	-	16
			Surface	-	-	-	-	-	-	-
			1	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	608
6000	12/11/2024	Excavate	2	-	-	-	-	-	-	-
SP23			4	-	-	-	-	-	-	-
			5	-	-	-	-	-	-	-
	1/17/2025	In-Situ	8	-	-	-	-	-	-	32
	, =: , ====		Surface	-	-	-	-	-	_	-
			1	_	_	-	-	_	-	-
			2	_	_	-	-	_	-	-
SP24	12/11/2024	Excavate	3	_	_	-	-	_	-	_
5.24			4	_	_	_	_	_	_	_
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	1730
	1/17/2025	In-Situ	10	-	-	-	-	-	-	16
	1/1//2023	III Jilu	10		l		1			10

Table 3: Summary of Sample Results

Owl SWD Operating, LLC Lotus SWD #001 - NAPP2110953917

			Surface	-	-	-	-	-	-	-
			1	-	-	-	-	-	-	-
	12/11/2024	Excavate	2	-	-	-	-	-	-	-
SP25	12/11/2024	Excavate	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	1420
	1/17/2025	In-Situ	8	-	-	-	-	-	-	16
	12/11/2024	Excavate	Surface	-	-	-	-	-	-	-
SP26	12/11/2024	Excavate	1	<0.300	<0.050	3830	769	<10.0	4599	240
	1/17/2025	In-Situ	10	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
			Surface	-	-	-	-	-	-	-
			1	-	-	-	-	-	-	-
	12/11/2024	Excavate	2	-	-	-	-	-	-	-
SP27	12/11/2024	LXCavate	3	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-
			5	<0.300	<0.050	<10.0	<10.0	<10.0	<0.30	1010
	1/17/2025	In-Situ	8	-	-	-	-	-	-	32
SP28	1/17/2025	In-Situ	Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
SP29	1/17/2025	In-Situ	Surface	<0.300	<0.50	<10.0	<10.0	<10.0	<10.0	16
SP30	1/17/2025	In-Situ	Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
SP31	1/17/2025	In-Situ	Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16

Table 4: Summary of Confirmation Sample Results

sults Owl SWD Operating, LLC Lotus SWD #001 - NAPP2110953917

Sample ID	Sample Date	BTEX mg/Kg	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	MRO mg/Kg	Total TPH mg/Kg	Cl- mg/Kg
NMOCD C	losure Criteria <50	50	10			-	100	600
	150		E	Base Samp	les			
CBS1	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS2	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CBS3	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS4	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS5	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS6	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS7	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS8	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS9	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS10	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS11	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS12	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS13	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS14	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS15	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	48
CBS16	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS17	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CBS18	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CBS19	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS20	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CBS21	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS22	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS23	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	48
CBS24	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CBS25	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
			Si	dewall Sam	ples			
CSW1	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW2	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW3	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW4	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW5	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CSW6	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW7	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW8	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CSW9	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW10	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16
CSW11	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16
CSW12	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16
CSW13	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16

Table 4: Summary of Confirmation Sample Results

Owl SWD Operating, LLC

Lotus SWD #001 - NAPP2110953917

CSW14	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16
CSW15	3/13/2025	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16
			В	ackfill Sam _l	oles			
Backfill	3/13/2025	< 0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16



APPENDIX A: NMOCD CORRESPONDENCE

From: Lynn Acosta

To: Nelson.Velez@state.nm.us

Cc: <u>Hayden Acosta</u>

 Subject:
 RE: Lotus SWD #001 - Reclaim

 Date:
 Sunday, January 19, 2025 8:29:00 PM

Attachments: <u>image001.png</u>

Good Evening Nelson,

I apologize about the late email, things finally got settled at the Acosta household and wanted to update you on this.

Last week we went ahead and started delineating the area where incident no.

NAPP2110953917 had occurred. We are awaiting lab results that were sent off to Cardinal labs. According to the field screening, we will likely be going through a remediation plan process since this not only involving NMOCD (incident closure) but NMSLO (reclaim) as well.

Again, just wanted to keep you updated. Give me or Hayden a call if you have any questions. Thank you for your time.



Lynn Acosta

Project Geoscientist

lynn@strataresourcesllc.com 505-516-7469 PO Box 2474 Carlsbad, NM 88221

From: Lynn Acosta

Sent: Monday, January 6, 2025 11:30 AM

To: Nelson.Velez@state.nm.us

Cc: Hayden Acosta <hayden@strataresourcesllc.com>

Subject: Lotus SWD #001 - Reclaim

Good Morning Nelson,

I got your contact information from Ashley Maxwell. We conducted a reclaim workplan for Owl SWD Operating at the Lotus SWD #001site that is on New Mexico State Land. During our investigation we noticed that Incident No. NAPP2110953917 was never progressed after the initial NOR and C-141 were filed. I wanted to reach out to you to work on getting this closed out so that reclamation can proceed.

While researching this incident I determined that there are three water wells within a mile of the release area. The three water wells are due northwest, west, and southeast. I have attached the downloadable excel file from NMOSE showing distance from Lotus No. 1 to the water well, depth drilled, and water level. I have also attached the well logs for each well. The northwest water well was drilled to 56 feet bgs and finalized as a dry hole. The west well was drilled to 110 feet bgs and finalized as a dry hole. The south water well was drilled to 105 feet bgs and finalized with a depth to water at 78 feet bgs. Based on this information, I would like to request a variance for a closure criterion of Depth to Groundwater greater than 50 ft bgs.

Please let me know if you have any questions or concerns.



Lynn Acosta

Project Geoscientist

lynn@strataresourcesllc.com 505-516-7469 PO Box 2474 Carlsbad, NM 88221



APPENDIX B: NMOSE WELLS REPORT



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
C 04862 POD1		CUB	LE	NE	NW	NW	04	23S	32E	623697.0	3578798.5	•	1636	105	78	27
C 04598 POD1		CUB	LE	NE	SW	NW	29	22S	32E	622069.2	3581570.2		1671	56		
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4		2047	110		

Average Depth to Water: 78 feet

Minimum Depth: 78 feet

Maximum Depth: 78 feet

Record Count: 3

UTM Filters (in meters):

Easting: 623228.71 **Northing:** 3580366.18

Radius: 2700

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

^{*} UTM location was derived from PLSS - see Help

Water Column/Average Depth to Water

(A CLW####
in the POD
suffix indicates
the POD has
been replaced
& no longer
serves a water
right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD	Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	x	Υ	Мар	Distance	Well Depth
<u>C 045</u>	98 POD1		CUB	LE	NE	SW	NW	29	22S	32E	622069.2	3581570.2	•	1671	56
<u>C 046</u>	63 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4	•	2047	110

Average

Minimu

Maximu

4

Record Count: 2

UTM Filters (in meters):

Easting: 623228.71 **Northing:** 3580366.18

Radius: 2500

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

8/24/24 10:19 AM MST

Water Column/Average Depth to Water

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^{*} UTM location was derived from PLSS - see Help



OSE OTT APR 8 2022 PM3:14

NO	OSE POD NO).)		WELL TAG ID NO).		OSE FILE NO(S	S).			
OCATIO	WELL OWN	ER NAME(S)	Energy	I God)			PHONE (OPTIO	ONAL)			
VELL L	WELL OWN	ER MAILING	Energy S. 4th	5t	504			Arte	SA	1	NM 8821	SIP
GENERAL AND WELL LOCATION	WELL LOCATIO			GREES 32	MINUTES 21	SECONI 51.9			-		HOF A SECOND	
GENER	(FROM GF	LO	NGITUDE	103 STREET ADDI	42 RESS AND COMMO	9.15 N LANDMA		* DATUM REC			RE AVAILABLE	
1.			9 T22S R32E, NMP									
	LICENSE NO		NAME OF LICENSED		Jackie D. Atkins				A	tkins Engir	LING COMPANY neering Associates, I	
	DRILLING S 3/30/2		3/30/2022		MPLETED WELL (Fary well materi			bole depth (ft) depth water first encountered (ft) 1/256 n/a				
NC	COMPLETE	D WELL IS:	ARTESIAN	✓ DRY HOL	LE SHALLO	OW (UNCON	FINED)		WATER LEV PLETED WEI		DATE STATIC 3/30/2022,	
ATIC	DRILLING F	LUID:	☐ AIR	MUD MUD	ADDITIV	VES – SPECI						
ORM	DRILLING M	ETHOD:	ROTARY HAMI	MER CAB	LE TOOL 🔽 OTH	FY: H	Hollow Stem	Auger	INSTALL	IERE IF PITLESS ADAI ED	PTER IS	
CASING INFORMATION	DEPTH FROM	(feet bgl)	BORE HOLE DIAM (inches)	(include	ASING MATERIAL AND/OR GRADE Include each casing string, and note sections of screen) (add could)				CASI INSIDE	DIAM.	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
& CA	0	56	±6.5	1000	Boring	,	(aud coup)	ling diameter)			-	
DRILLING											,	
2. DF			-									
- 1												
											"	
1.0					·							
د		(feet bgl)	BORE HOLE DIAM. (inches)		ST ANNULAR S					IOUNT pic feet)	METHO PLACEN	process consequent
RIA	FROM	ТО	DIAW. (inches)	GRA	VEL PACK SIZE	BIINIE	EKVAL	(cui	oic reer)	TEACEN	ALINI	
ANNULAR MATERIAL												
AR M									1			
NOL												
AN.			1	-								
.6.												
FOR	OSE INTER	NAL USE						WR-2	0 WELL R	ECORD &	LOG (Version 01/2	8/2022)

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

	DEPTH (f	eet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED -		ESTIMATED					
	FROM	то	S WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)							
	0	19	19	Y ✓N							
	19	29	10	Y ✓N							
	29	56	27	Sand, medium grained, poorly graded, Red Clay, Hard, Red, Dry	Y ✓N						
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Y N						
					Y N						
ا د					Y N						
VEL			-		Y N						
OF					Y N						
90					Y N						
ICL					Y N						
007					Y N						
4. HYDROGEOLOGIC LOG OF WELL					Y N						
ROC					Y N						
HYD					Y N						
4.					Y N						
					Y N						
					Y N						
					Y N						
					Y N						
					Y N						
					Y N						
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED						
	PUM	A	WELL YIELD (gpm):	0.00							
ON	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.										
TEST; RIG SUPERVISION	MISCELLANEOUS INFORMATION:										
PER											
G SU				0	SE DII APR 8 2022 •	M3:14					
; RI											
rest	PRINT NAM	IE(S) OF D	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	STRUCTION OTHER TH	IAN LICENSEE:					
5.	Shane Eldric	lge, Carme	elo Trevino, Can	neron Pruitt							
	THE UNDE	RSIGNED I	HEREBY CERTIF	TIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BEL	IEF, THE FOREGOING	IS A TRUE AND					
TURE	CORRECT F	RECORD O	F THE ABOVE D	DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL I TO DAYS AFTER COMPLETION OF WELL DRILLING:	RECORD WITH THE ST	ATE ENGINEER					
6. SIGNATURE	Jack .	Atkins		Jackie D. Atkins	04/07/2022						
9		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE NAME	DATE						

FOR OSE INTERNAL USE		WR-20 WELL	RECORD & LOG (Ve	ersion 01/28/2022)
FILE NO. C.4598	POD NO.	TRN NO.	71927	8
LOCATION 225.32E.29.1.	3.2	WELL TAG ID NO.	N-A	PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Mbr:

719278

File Mbr:

C 04598

Well File Nbr: C 04598 POD1

Apr. 19, 2022.

MICHAEL GANT LUCID ENERGY GROUP 201 S 4TH ST ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 02/17/2022.

The Well Record was received in this office on 04/08/2022, stating that it had been completed on 03/30/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/17/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Deborah Jones (575) 622 - 6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NOI	OSE POD NO. (WELL NO.) Pod 1 WELL TAG ID NO.								OSE FILE NO(S). C-4862					
GENERAL AND WELL LOCATION	WELL OWNE		S)		PHONE (OPTIONAL)									
	WELL OWNE		ig Address d. Ste. 300N		CITY Midland	1								
NERAL AND	WELL LOCATION (FROM GPS)		ATITUDE DNGITUDE	32 -103	32 20 21.2		.28 N	* ACCURACY REQUIRED: ONE TENTII O * DATUM REQUIRED: WGS 84			OF A SECOND			
1. GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE NWNW S-4 T-23S R-32E													
	LICENSE NO. WD-1		NAME OF LICENSEI		James Hawley				NAME OF WELL DR		COMPANY prises, LLC			
	DRILLING ST 8/14/		DRILLING ENDED 8/14/24	DEPTH OF CO	The second secon			DLE DEPTH (FT) 105	DEPTH WATER FIR		OUNTERED (FT)	ED (FT)		
N	COMPLETED	WELL IS:	ARTESIAN *ado		LE SIIALLO	OW (UNC	ONFINED)		WATER LEVEL					
ATIC	DRILLING FLUID: AIR MUD ADDITIVES – SPECIFY:													
ORM	DRILLING M	ROTARY HAM		CHECK HERE IF PITLESS ADAPTER IS INSTALLED										
VG INFO	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM	CASING MATERIAL AND/OR GRADE (include each casing string, and			CASING CONNECTION		CASING CASING WAL INSIDE DIAM. THICKNESS			SLOT SIZE		
CASI		(inches)			note sections of screen) (ad			TYPE oling diameter)	(inches)		(inches)	(inches)		
G &	40,7			No c	No casing left in hole					-				
2. DRILLING & CASING INFORMATION									OSE DII R	05W				
	DEPTH ((feet bgl)	BORE HOLE	LIST ANNULAR SEAL MATERIAL AND GRAVEL I RANGE BY INTERVAL				L PACK SIZE-	AMOUNT	METHOD OF				
MAI	FROM	ТО	DIAM. (inches)	*(if using Cer	ntralizers for Artes	ian wells-		e spacing below	(cubic feet)		PLACEMENT			
3. ANNULAR MATERIAL						N/A								
3. ANNUI														
FOR	OSE INTERI		362		POD NO	D. 1	1	WR-2	NO. 7/ 1/6		G (Version 09/22	2/2022)		
			32E.04.	211	10211			WELL TAG I	1693	04	PAGE	1 OF 2		
					-									

	DEPTH (:	feet bgl)	THICKNESS (feet) COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)							TER ING?	ESTIMATED YIELD FOR WATER- BEARING	
35				(YES	(NO)	ZONES (gpm)						
	0	15	15	5 White caliche								
	15	20	5		gray	Y	✓ N					
	20	40	20	20 red sandy clay								
	40	85	45		blue/gra	y sandy clay		√ Y	N			
	85	105	20		re	ed clay			Y	✓ N		
П						*************			Y	N		
4. HYDROGEOLOGIC LOG OF WELL									Y	N		
OF									Y	N		
907		i i i							Y	N		
JIC.									Y	N		
700	-2-								Y	N		
3EO									Y	N		
ROC			1						Y	N		
HYD				5					Y	N		
4.									Y	N		
		187							Y	N		
									Y	N		
									Y	N		
						***************************************			Y	N		
									Y	N		
									Y	N		
	METHOD I	ISED TO ES	TIMATE YIELD	OF WATER-BEAF	RING STRATA:			тот	AL ESTIM			
	PUM		IR LIFT		OTHER – SPECI	EV N/A			ELL YIELD (gpm): 0			
	ПРОМ		IK LIFT	BAILER	JOTHER - SPECI	FY: WIL		<u></u>				
VISION	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.											
	MISCELLANEOUS INFORMATION: Well was drilled on 8/14/24, well was gauged with a well sounder on 8/20/24/, casing was removed. Well											
TEST; RIG SUPER	will be plugged on 8/22/24 pursuant to the approved plugging plan of operations.											
3 SU								OSE I	DII RO	SWELL	NA	
; RI	AUG 30 2024 PM2: 15											
EST	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:											
5. T	Nathan Smelcer											
æ	CORRECT I	RECORD O	F THE ABOVE I	DESCRIBED HOLE	AND THAT HE	OR SHE WIL	OWLEDGE AND BE LL FILE THIS WELL	LIEF, T	HE FORE	GOING I	S A TRUE AND ATE ENGINEER	
SIGNATURE	AND THE P	RMIT HO	LDER WITHIN 3	30 DAYS AFTER C	OMPLETION OF	WELL DRIL	LING:					
GNA	(k	Vh	0 /		James Hawley				0/2	0/24		
6. SI	1	XII	why		James Hawley				0/2	0/24		
		SIGNAT	URE OF DRIVE	ER / PRINT SIGN	EE NAME					DATE		
EOT	OCE BYTTE	NIAT TOP					***		corr	.00.00	. 00/22/5	
	e no. e no.	0486	7		POD NO.	1	TRN NO.		CORD & 1	LOG (Ver	rsion 09/22/2022)	
-			ZE.04.	711	1.02110.		WELL TAG ID NO	160	1284		PAGE 2 OF 2	
1		-		1 - 1 1			L WELL LAST ID NO					



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04663 POD 1 WELL TAG ID NO.								OSE FILE NO(S). C-04663							
	WELL OWNER NAME(S) OXY US INC									PHONE	PHONE (OPTIONAL)					
	WELL OWNER MAILING ADDRESS PO BOX 4294									HOUST	ΓON		STATE TX	77210	ZIP	
	WELL LOCATIO	-	LAT	ITUDE	DEGREES 32		MINUTES SECONDS 21 12.43 N				* ACCURACY REQUIRED: ONE TENTH OF A SECOND					
NER	(FROM GI			GITUDE	-103	103 42 43.74 W * DATUM REQUIRED: WGS 84										
1. GF	PROXIMI		ATIN	G WELL LOCATION	TO STREET	ADDRES	S AND COMMO	N LANDM	IARKS – PL	SS (SECTIO	ON, TO	WNSHJIP, RANGE) WH	ERE AVAI	LABLE		
	LICENSE NO WD-			NAME OF LICENS			L SOUTHER	LAND				NAME OF WELL DR			RVICE	
	DRILLING S 09/01/)	DRILLING ENDER 09/01/2022	DEPTH	OF COME	PLETED WELL (F	FT)	BORE HO	OLE DEPTH	(FT)	DEPTH WATER FIR	ST ENCOU	NTERED (FT)		
N	COMPLETE	D WELL	IS:	ARTESIAN	✓ DR	✓ DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A						
ATIC	DRILLING F	LUID:		✓ AIR	□ м	MUD ADDITIVES – SPECIFY:										
ORM	DRILLING N	1ETHOD);	ROTARY	П на	HAMMER CABLE TOOL OTHER – SE					FY:					
CASING INFORMATION	DEPTH (feet bgl) FROM TO			DIAM (include			CONN			ASING NECTION TYPE		CASING INSIDE DIAM.	CASING WALL THICKNESS		SLOT SIZE (inches)	
CAS				(inches)	-				pling diamet	ter)	(inches)	(inches)		(menes)		
ING &						NO CAS	SING IN HOL	·Ε								
2. DRILLING																
7			-		-											
	DEPTH (feet bgl) BORE HOLE					LIST ANNULAR SEAL MATERIAL AND				AND		AMOUNT	JNT METHO			
RIAL	FROM	Т	0	DIAM. (inche	s)	GRAVEL PACK SIZE-RANGE BY INTERVA				ERVAL	RVAL (cubic feet)			PLACEN	1ENT	
ANNULAR MATERIAL						N/A						OSE DII SEP 20 2022 № 1:3:				
ULA																
ANN																
3.					-											
FOR	OGE NIZES	NIAT T	ICE								VD 21	NELL PEGGE		, , , , , , , , ,	0/10)	
	OSE INTEREST ON $(2-6)$	1000 NAL (3			POD NO	0.	l	T	WR-20 FRN N	WELL RECORD A NO. 73242		version 04/3	0/19)	
LOC	ATION Z	15.	3	ZE.31.	3.1.2	_				WELL T	AG II	•		PAGE	1 OF 2	

	DEPTH (f	eet bgl)		COLOR ANI	TYPE OF M	AATEDIAL EN	COLINTERED		****	rep.	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES						ΓER ING? / NO)	YIELD FOR WATER- BEARING
			10								ZONES (gpm)
	0	10								✓ N ✓ N	
	10	14		CALICHIE							
	14	17		,,_,		D SAND			Y	N	
	17	40				NDY CLAY			Y	✓ N	
	40	90				DSTONE			Y	✓ N	
3	90	97			REI	D CLAY			Y	✓ N	
4. HYDROGEOLOGIC LOG OF WELL	97	100			SAN	DSTONE			Y	✓ N	
OF	100	110		R	ED CLAY W	TTH SANDSTO	ONE		Y	✓ N	
507									Y	N	
SIC									Y	N	
TO									Y	N	
GEO									Y	N	
RO									Y	N	
HYD									Y	N	
4.									Y	N	
									Y	N	
					,				Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
	METHOD U	SED TO E	STIMATE YIELD	OF WATER-BEARING	STRATA:			ТОТ	AL ESTIN	/ATED	
- 20	PUME					FY:DRY HO	LE		L YIELD		0.00
NOIS	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.										
VISI	MISCELLANEOUS INFORMATION:										
ER	MISCELLANGOO INI ORMATION.										
TEST; RIG SUPERVI	OSE DII SEP 20 2022 PM1:31										
; RIC											
EST	PRINT NAM	TE(S) OF I	ORILL RIG SUPER	VISOR(S) THAT PROV	ZIDED ONSI	TE SUPERVIS	ION OF WELL CON	ISTRU	CTION O	THER TE	HAN LICENSEE:
5. T	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: RUSSELL SOUTHERLAND										
3	RECORD OF	THE ABO	OVE DESCRIBED	AT TO THE BEST OF WELL ALSO CERTI	FY THAT TH	HE WELL TAG	, IF REQUIRED, H.	AS BEE	N INSTA	LLED A	ND THAT THIS
TUR	WELL RECO	ORD WILL	ALSO BE FILED	WITH THE PERMIT H	OLDER WIT	HIN 30 DAYS	AFTER THE COMP	LETIO	N OF WE	LL DRIL	LING.
6. SIGNATURE		. (-11//	RUSSELI	LSOUTHER	RLAND!			09/0	1/2022	
6. SI	Kusse	e / Su	euhile	RUSSEL		Helm	_				
		SIGNA	OKE OF DRILLE	R / PRINT SIGNEE N	VAIVIE					DATE	
FOF	OSE INTERI	NAL USE				×	WR-20 WE	ELL RE	CORD &	LOG (Ve	rsion 04/30/2019)
FIL	E NO. C-C	14663			POD NO.	l	TRN NO.	73	242	7	
1.00	TATION 7	16 3'	75 31 2	1.7			WELL TAC ID NO				PAGE 2 OF 2



APPENDIX C: ANALYTICAL LABORATORY RESULTS



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

December 18, 2024

LYNN ACOSTA
TIGER ENERGY OILFIELD SERVICES
5506 MOUNTAIN VIEW DR.
SNYDER, TX 79549

RE: LOTUS SWD

Enclosed are the results of analyses for samples received by the laboratory on 12/12/24 14:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 1 @ 5 (H247543-01)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	12/16/2024	ND	416	104	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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	146	% 49.1-14	8						

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Celeg & Freene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Sample ID: SP # 2 @ 1 (H247543-02)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/16/2024	ND	416	104	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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 3 @ 5 (H247543-03)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	12/16/2024	ND	416	104	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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 4 @ 5 (H247543-04)

RTFY 8021R

B1EX 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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	12/16/2024	ND	400	100	400	11.3	QM-07
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 5 @ 1 (H247543-05)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celeg & Frence



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 6 @ 5 (H247543-06)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	< 0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	110 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 7 @ 4 (H247543-07)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024 Project Name: LOTUS SWD Project Number:

NONE GIVEN **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 8 @ 5 (H247543-08)

Project Location:

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 12/12/2024 Reported:

12/18/2024

LOTUS SWD

Sampling Type: Sampling Condition:

Sampling Date:

12/11/2024

Soil

Project Name: Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 9 @ 1 (H247543-09)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	< 0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Analyzed By: JH

Sampling Date:

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD
Project Number: NONE GIVEN

12/18/2024 Sampling Type:
LOTUS SWD Sampling Condition:
NONE GIVEN Sample Received By:
NOT GIVEN

12/11/2024

Soil Cool & Intact

Alyssa Parras

Sample ID: SP # 10 @ 1 (H247543-10)

Project Location:

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 11 @ 1 (H247543-11)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	< 0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD
Project Number: NONE GIVEN

12/18/2024 LOTUS SWD NONE GIVEN Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: NOT GIVEN

Sample ID: SP # 12 @ 1 (H247543-12)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140	% 49.1-14	8						
Surrogate: 1-Chlorooctadecane	140	% 49.1 - 14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Applyzod By: 14

Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 13 @ SUR (H247543-13)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024 Project Name: LOTUS SWD Project Number:

NONE GIVEN **NOT GIVEN**

Sampling Date: 12/11/2024

Alyssa Parras

Sampling Type: Soil Sampling Condition: Cool & Intact

Sample Received By:

Sample ID: SP # 14 @ 5 (H247543-14)

Project Location:

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	< 0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	128 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145 %	6 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024 Project Name: LOTUS SWD Project Number:

NONE GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: **NOT GIVEN**

Sample ID: SP # 15 @ 1 (H247543-15)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	128 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145 9	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTIS SWD

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 16 @ 1 (H247543-16)

RTFY 8021R

B1EX 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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 17 @ 3 (H247543-17)

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	12/14/2024	ND	1.87	93.5	2.00	3.01	
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024 Project Name: LOTUS SWD Project Number:

NONE GIVEN **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 18 @ 1 (H247543-18)

Project Location:

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	6 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD
Project Number: NONE GIVEN

LOTUS SWD NONE GIVEN NOT GIVEN Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 19 @ 3 (H247543-19)

Project Location:

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	130	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD
Project Number: NONE GIVEN

12/18/2024Sampling Type:LOTUS SWDSampling ConditNONE GIVENSample ReceiveNOT GIVEN

Sampling Date: 12/11/2024

Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 20 @ 1 (H247543-20)

Project Location:

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/16/2024	ND	184	91.8	200	0.121	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	186	92.8	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024 Project Name: LOTUS SWD Project Number:

NONE GIVEN **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 21 @ 5 (H247543-21)

Project Location:

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	< 0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	< 0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	198	99.0	200	2.62	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	174	86.8	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	78.4 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.7	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 12/12/2024
Reported: 12/18/2024
Project Name: LOTUS SWD
Project Number: NONE GIVEN

LOTUS SWD NONE GIVEN NOT GIVEN Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP # 22 @ 5 (H247543-22)

Project Location:

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	198	99.0	200	2.62	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	174	86.8	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.6	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 23 @ 1 (H247543-23)

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	12/16/2024	ND	400	100	400	11.3	
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	12/13/2024	ND	198	99.0	200	2.62	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	174	86.8	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Applyzod By: 14

Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 24 @ 5 (H247543-24)

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	12/17/2024	ND	432	108	400	0.00	
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	12/13/2024	ND	198	99.0	200	2.62	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	174	86.8	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Applyzod By: 14

Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 25 @ 5 (H247543-25)

RTFY 8021R

nlue QC RPD 00 6.60 00 10.9 00 11.8 00 12.4	
10.9 00 11.8	
00 11.8	
00 12.4	
alue QC RPD	Qualifier
0.00	
alue QC RPD	Qualifier
00 2.62	
00 1.15	

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 12/12/2024 Reported:

12/18/2024 LOTUS SWD NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 26 @ 1 (H247543-26)

Project Name:

Project Number:

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/17/2024	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	12/13/2024	ND	198	99.0	200	2.62	
DRO >C10-C28*	3830	10.0	12/13/2024	ND	174	86.8	200	1.15	
EXT DRO >C28-C36	769	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	63.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celeg D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 12/12/2024 Reported: 12/18/2024

Project Name: LOTUS SWD Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 12/11/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP # 27 @ 5 (H247543-27)

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	12/14/2024	ND	2.27	114	2.00	6.60	
Toluene*	<0.050	0.050	12/14/2024	ND	2.29	114	2.00	10.9	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.34	117	2.00	11.8	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	7.01	117	6.00	12.4	
Total BTEX	<0.300	0.300	12/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	12/17/2024	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	12/13/2024	ND	198	99.0	200	2.62	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	174	86.8	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Notes and Definitions

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely

affected.

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

recovery.

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 30 of



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(5/5) 393-2320 TAX (010) 000 = 1	11	BILL TO	ANALYSIS REQUEST								
Company Name	Tiger Energy Outlest	1 Seppose	P.O. #:									
Project Manager	r. Lynn acosta			79 M 60								
Address: 550	6 Mountain View NI		Company: Tiger Energy									
City: SNV	/ In State: TX	Zip: 19549	Attn:		1.							
Phone #: 4/3	TELYNN GCOSTA GO MOUNTAIN VIEW DI State: TX 2-894-2967 Fax #:		Address:									
Project #:	Project Owner	:	City:									
Project Name:	Lotus SwD	\	State: Zip:	-6								
Project Location			Phone #:									
Sampler Name:			Fax #: PRESERV SAMPLING									
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL	00450	TIME U T T								
100 T 00 9 T	SPHICS SP		tract or tort, shall be limited to the amount paid by the clie	the client for the								

PLEASE 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 part of the client of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims is including within a shall cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service.

affiliates or successors arising out of or related to the perform Relinquished By:	Date:	Received By:	appointing of the territories	Verbal Result:
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Delivered By: (Circle One)	Observed Temp. °C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
	Corrected Temp °C	Cool Intact Yes Yes No No		Thermometer ID #140 Correction Factor -0.6°C Thermometer ID #140 No No Corrected Temp. °C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 31 of 32

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

(575) 393-2326 FAX (575) 393-2476	BILL TO	ANALYSIS REQUEST									
Company Name: Tiger Energy Outed Serve											
Company Name: Tiger Energy Offerth Serving Project Manager: Lynn acosta Address: 5506 Mountain View Dr State: TX Zip: 79549	P.O. #:	- Weo									
Address: 5506 MOUNTAIN VIEW PC	Company: Tiger Energy	2									
City: 5411/19 State: 7 × Zip: 79549	Attn:	- and I I I I I									
Address:) 566 1160N1 91N VIEW 101 City: 5N 4d 11 State: 7 × Zip: 79549 Phone #: 432 -894-2967 Fax #:	Address:										
Project #: Project Owner:	City:										
Project Name: Lotus SWD	State: Zip:										
	Phone #:										
Project Location:	Fax #:										
Sampler Name: MATE	X PRESERV. SAMPLING										
11 SP#11 C1 12 SP 12 C1 13 SP 13 CSUP 14 SP 14 C S 15 SP 15 C 1 14 SP 16 C 1 17 SP 17 C 3 18 SP 18 C 1 19 SP 19 C 3 10 SP 19 C 3	ACID/BASE: ACID/B	nt for the									
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made is analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made is analyses. All claims including without limitation, business in	writing and received by Cardinal within 30 days after completion	n of the applicable esidiaries.									
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affiliates or successors arising out of or related to the performance of services. Received By: Received By:	All Res	result. Please provide Email address:									
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Time:	Pla	Standard Bacteria (only) Sample Condition									
Delivered By: (Circle One)	Condition CHECKED BY: Turnar (Initials)	round Time: Standard Rush Cool Intact Observed Temp. °C									
Sampler - UPS - Bus - Other: Corrected Temp. °C	☐ No Thermo Correct	ometer ID #140 tion Factor -0.6°C No No Corrected Temp. °C									

[†] Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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CARDINAL Laboratories

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

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24	SPH 25 PS							-		1	4		-	+	+	+	-	-	_	1				
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20	SP# 27 05									1	1	_	-	V	-	-	-	+-	+	+				
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service. In no event shall Cardinal be liable for incluental of con-	of services hereunder by Cardinal, re	regardless of whether such claim is based in	upon any of the above stated to	Verbal Result: □ Yes □ No Add'l Phone #:	_
service. In no event shall Cardinal be liable to industrial affiliates or successors arising out of or related to the performan	Date: Rec	eived By:		All Results are emailed. Please provide Email address:	
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	Time:			PILEST TOTAL FIT Bacteria (only) Sample Condition	
			CHECKED BY:	Turnaround Time: Standard Bacteria (Olly) Guilly Guille and Tomp °C	
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Delivered By: (Circle One)	0-0	Cool Intact	(Initials)	Thermometer ID #140	
Others	Corrected Temp. °C	Yes Yes	W	Thermometer ID #140 Correction Factor -0.6°C No No Corrected Temp. °C	-
Sampler - UPS - Bus - Other:	-(0.(1	0 - No No	#I F		



January 28, 2025

LYNN ACOSTA
TIGER ENERGY OILFIELD SERVICES
5506 MOUNTAIN VIEW DR.
SNYDER, TX 79549

RE: LOTUS SWD

Enclosed are the results of analyses for samples received by the laboratory on 01/22/25 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 01/22/2025 Reported: 01/28/2025

Project Name: LOTUS SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

mg/kg

Sampling Date: 01/17/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SP #1 @ 8' (H250384-01)

Chloride, SM4500Cl-B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/24/2025	ND	416	104	400	0.00	
Sample ID: SP #3 @ 8' (H	1250384-02)								
Chloride, SM4500Cl-B	Analyze	d By: KV							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2025	ND	416	104	400	0.00	
Sample ID: SP #4 @ 10' ((H250384-03)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	

Analyzed By: KV

Sample ID: SP #22 @ 10' (H250384-04)

Chloride, SM4500CI-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 01/22/2025

Sampling Date: 01/28/2025 Sampling Type: 01/17/2025

Project Name: Project Number:

Reported:

LOTUS SWD NONE GIVEN

Soil Sampling Condition: Cool & Intact

Sample Received By:

% Recovery

BS

Alyssa Parras

RPD

Qualifier

True Value QC

Project Location:

NOT GIVEN

Sample ID: SP #23 @ 8' (H250384-05)

-	_	_
Chloride, SM4500Cl-B		ma/ka

Analyzed By: CT

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 01/24/2025 ND 400 3.51 32.0 16.0 464 116

Method Blank

Sample ID: SP #24 @ 10' (H250384-06)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: CT	

Result

Reporting Limit Analyzed Analyte Chloride 16.0 16.0 01/24/2025 464 400 3.51 ND 116

Sample ID: SP #25 @ 8' (H250384-07)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 01/22/2025

01/28/2025

Sampling Date: Sampling Type: 01/17/2025

Reported: Project Name: LOTUS SWD

Sampling Condition:

Soil Cool & Intact

Project Number: Project Location: NONE GIVEN **NOT GIVEN**

Sample Received By: Alyssa Parras

Sample ID: SP #26 @ 10' (H250384-08)

BTEX 8021B Analyte	mg/kg		Analyzed By: JH						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2025	ND	1.74	86.8	2.00	12.4	
Toluene*	<0.050	0.050	01/23/2025	ND	1.86	93.1	2.00	13.5	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	1.81	90.6	2.00	14.5	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	5.30	88.4	6.00	15.0	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	
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	01/23/2025	ND	210	105	200	0.793	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	206	103	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	85.2 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 01/22/2025 Reported:

01/28/2025 Project Name: LOTUS SWD Project Number: NONE GIVEN

Project Location: NOT GIVEN Sampling Date: 01/17/2025

Sampling Type: Soil

116

464

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP #27 @ 8' (H250384-09)

Chloride, SM4500Cl-B **Analyzed By: CT** Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 32.0 16.0 01/24/2025 ND 400 3.51

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Celeg D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Analyzed By: JH

Fax To:

Received: 01/22/2025 Reported:

01/28/2025 LOTUS SWD

NONE GIVEN

Sampling Date: 01/17/2025

Sampling Type: Soil Sampling Condition:

Sample Received By:

Cool & Intact Alyssa Parras

Project Location: **NOT GIVEN**

Project Name:

BTEX 8021B

Project Number:

Sample ID: SP #28 @ SURFACE (H250384-10)

DILX GOZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2025	ND	1.74	86.8	2.00	12.4	
Toluene*	<0.050	0.050	01/23/2025	ND	1.86	93.1	2.00	13.5	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	1.81	90.6	2.00	14.5	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	5.30	88.4	6.00	15.0	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	
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	01/23/2025	ND	210	105	200	0.793	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	206	103	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Celeg D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Analyzed By: 14

Fax To:

Received: 01/22/2025 Reported:

01/28/2025 Project Name: LOTUS SWD Project Number: NONE GIVEN

NOT GIVEN

Sampling Date: 01/17/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: SP #29 @ SURFACE (H250384-11)

Project Location:

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	01/23/2025	ND	1.93	96.7	2.00	15.3	
Toluene*	<0.050	0.050	01/23/2025	ND	2.04	102	2.00	15.5	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	2.08	104	2.00	15.9	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	6.33	105	6.00	15.1	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	
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	01/23/2025	ND	210	105	200	0.793	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	206	103	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 01/22/2025 Reported:

01/28/2025 LOTUS SWD

NONE GIVEN

Sampling Date: 01/17/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: **NOT GIVEN**

Project Name:

Project Number:

Sample ID: SP #30 @ SURFACE (H250384-12)

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	01/23/2025	ND	1.93	96.7	2.00	15.3	
Toluene*	<0.050	0.050	01/23/2025	ND	2.04	102	2.00	15.5	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	2.08	104	2.00	15.9	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	6.33	105	6.00	15.1	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2025	ND	464	116	400	3.51	
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	01/23/2025	ND	210	105	200	0.793	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	206	103	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 01/22/2025 Reported: 01/28/2025 Project Name: LOTUS SWD Project Number:

Project Location:

NONE GIVEN **NOT GIVEN**

Sampling Date: 01/17/2025

Sampling Type: Soil Sampling Condition: Cool & Intact

Sample Received By:

Alyssa Parras

Sample ID: SP #31 @ SURFACE (H250384-13)

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	01/23/2025	ND	1.93	96.7	2.00	15.3	
Toluene*	<0.050	0.050	01/23/2025	ND	2.04	102	2.00	15.5	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	2.08	104	2.00	15.9	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	6.33	105	6.00	15.1	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2025	ND	464	116	400	3.51	
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	01/23/2025	ND	210	105	200	0.793	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	206	103	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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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Celeg D. Freene

Page 11 of 12



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

☐ Yes ☐ Yes

Corrected Temp. °C

101 East Marland, Hobbs, NM 88240

(575) 393-2326	FAX (575) 393-2	476																					
Company Name: Tiger En. Project Manager: Lynn Address: 5506 Mount	ergy Oilfis	=10	(Ser	vic	e				E	BILL TO	2		-			ANA	I Vei	2 DE	QUES			
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City: Snyder	State: TX	Zip	o: 7	79	54	9		Attı		y.			-	'	M								
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Project Name: Lotus Sa	, /)							City			8	1	_	~	7	-							
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FOR LAB USE ONLY								Fax	-					1									
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8 5P # 26 C	10'	-	+		X			-	X		1-17-29	0900			X								
9 SP # 26 @	8'	+	+	-	X		-	+	X	(0910	X	X	X								
(P# 20 A	c 0	+	+		-			+	X		1-17-25	0920			X		1		9				
nalyses. All claims including the	client's exclusive remedy for any	claim a	arising	whethe	r based	in cont	tract or	tort, sh	hall be	limited	V-17-25	0930	X	X	X								
nalyses. All claims including those for negligence and any othe ervice. In no event shall Cardinal be liable for incidental or con fiffilates or successors arising out of or related to the performan Relinquished By:	er cause whatsoever shall be dee sequental damages, including wi	emed w	vaived mitatio	unless on, busi	made in	writing	and re	eceived	d by Ca	ardinal	within 30 days aft	er completion of	r the the applicat	ole									
fiffiliates or successors arising out of or related to the performant Relinquished By:	Date:	Rece	egardle	ess of v	vhether	such cl	aim is t	pased	upon a	ny of th	ne above stated r	easons or otherw	ise.										
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ampler - UPS - Bus - Other: Co	orrected Temp. °C	らし		Co	ol I	ntact			CH	(Init	ED BY: ials)	Turnaroun	d Time:		Stand	dard		Bacteria ool In	(only)	Sample	Conditio	on	
FORWING RANGE OF THE PARTY OF T	and temp.	7		L	Yes	4	es			iA	2	Thermometer	er ID #1	40						Obser	rved Ter	np. °C	

Correction Factor -0.6°C

Page 12 of 12

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam									BI	LL TO					AN	ALYSI	S RF	OUES	T.	
Project Manag	jer:	58					P.O	. #:					T			712101	T	QUEC		
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Phone #:	Fax #:	7						ress:					`)						
Project #:	Project Own	or.										-		9,						
	Lotus SwD	iei.					City					-	<	3						
Project Location							Stat			Zip:	Sec. 2	- 2		3						
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Sampler Name): 		_				Fax					_								
TONE DOE ONE		۵	П		MATR	IX.	F	RESE	RV.	SAM	PLING	-	WAY S	1 0						
Lab I.D.	Sample I.D.	RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	DGE	ER:	ICE / COOL	ER:			24.00	Hd	hlori						
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	and Damages. Cardinal's liability and client's exclusive remedy for									×										

ervice. In no event shall Cardinal be liable for incider		aived unless made in writing and received	ed by Cardinal within 30 days	after completion of the applicable					
filiates or successors arising out of or related to the Relinquished By:	performance of services hereunder by Cardinal, reg	gardless of whether such claim is base	d upon any of the above state	reasons or otherwise.					
Reiniquished By:	Date: Rece	ived By:		Verbal Result: ☐ Ye All Results are emailed		Add'l Ph	one #:	4	
1 de	Time:	Day		Till recours are emaned	. Flease provi	ue Eman ac	uaress:		
elinquished By:		ived By:		REMARKS:					
	Time:			Cont					
Delivered By: (Circle One)	Observed Temp. °C 2.2	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	В	acteria (only)	Sample Conditi	on
sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact Yes Yes	(Initials)	Thermometer ID #140	Rush	∐ Co	ool Intact Yes Yes	Observed Te	
FORM-000 R 3.3 06/03/24	2 10	No No	MID	Correction Factor -0.6°C			No No	Corrected Te	mp. °C



March 19, 2025

LYNN ACOSTA
TIGER ENERGY OILFIELD SERVICES
5506 MOUNTAIN VIEW DR.
SNYDER, TX 79549

RE: LOTUS SWD #3

Enclosed are the results of analyses for samples received by the laboratory on 03/13/25 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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)

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

A I J D. ... 711

Received: 03/13/2025
Reported: 03/19/2025
Project Name: LOTUS SWD #3

Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 1 (H251517-01)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Celey D. Kune



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 2 (H251517-02)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	400	100	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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	107 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 3 (H251517-03)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.8	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported: 03/19/2025

03/19/2025 LOTUS SWD #3 NONE GIVEN

Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 4 (H251517-04)

Project Name:

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

ma/ka

Sampling Date: 03/13/2025 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 5 (H251517-05)

RTFY 8021R

B1EX 8021B	mg/	rkg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	104 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.9	% 40.6-15	3						

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03/13/2025

Soil

Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025

Sampling Date: 03/19/2025 Sampling Type: LOTUS SWD #3

Project Name: Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 6 (H251517-06)

Reported:

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

LOTUS SWD #3 NONE GIVEN

NOT GIVEN

ma/ka

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 7 (H251517-07)

Project Name:

Project Number:

Project Location:

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	400	0.00	
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	03/14/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Analyzed By: JH

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

Sampling Date: Sampling Type: 03/13/2025

Soil

Project Name:

LOTUS SWD #3 NONE GIVEN

mg/kg

Sampling Condition: Sample Received By: Cool & Intact Alyssa Parras

Project Number: Project Location:

BTEX 8021B

NOT GIVEN

Sample ID: CBS 8 (H251517-08)

DILX GOZID	ilig/	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	400	0.00	
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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	113 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

Sampling Date: 03/19/2025 Sampling Type:

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

03/13/2025

Soil

Sample ID: CBS 9 (H251517-09)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.4	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

Sampling Date: Sampling Type:

Project Name: Project Number: LOTUS SWD #3 NONE GIVEN

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

03/13/2025

Soil

Project Location: NOT GIVEN

Sample ID: CBS 10 (H251517-10)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	99.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.0	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

 03/13/2025
 Sampling Date:
 03/13/2025

 03/19/2025
 Sampling Type:
 Soil

Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

ma/ka

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

...,

Sample ID: CBS 11 (H251517-11)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.7	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 12 (H251517-12)

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	03/15/2025	ND	2.10	105	2.00	1.88	
Toluene*	<0.050	0.050	03/15/2025	ND	2.16	108	2.00	0.383	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.35	117	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	7.21	120	6.00	2.37	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	101 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.0	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

03/19/2025 LOTUS SWD #3 NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 13 (H251517-13)

Project Name:

Project Number:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	QM-07
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	98.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

LOTUS SWD #3

NONE GIVEN

NOT GIVEN

Project Location:

Project Name:

Project Number:

Sampling Date:

03/13/2025

Sampling Type:

Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: CBS 14 (H251517-14)

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	< 0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	400	100	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 15 (H251517-15)

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.2	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

ma/ka

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 16 (H251517-16)

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.7	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

03/19/2025 LOTUS SWD #3

Project Name: Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 17 (H251517-17)

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.2	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported: 03/19/2025

LOTUS SWD #3 NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 18 (H251517-18)

Project Name:

Project Number:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	228	114	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	218	109	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	102 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.4	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025

NONE GIVEN

ma/ka

03/19/2025 LOTUS SWD #3

Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil
Sampling Condition: Cool

Sample Received By:

Cool & Intact Alyssa Parras

Sample ID: CBS 19 (H251517-19)

Reported:

RTFY 8021R

Project Name:

Project Number:

B1EX 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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.1	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

03/19/2025 LOTUS SWD #3

NONE GIVEN

ma/ka

Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 20 (H251517-20)

Project Name:

RTFY 8021R

Project Number:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	98.8	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	93.6	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

03/19/2025 Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Date: 03/13/2025 Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By:

Alyssa Parras

Sample ID: CBS 21 (H251517-21)

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	< 0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025

Reported: 03/19/2025 Project Name: LOTUS SWD #3 Project Number: NONE GIVEN

Project Location: NOT GIVEN Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 22 (H251517-22)

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.3	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Applyzod By: 14

Fax To:

Received: 03/13/2025 Reported:

03/19/2025 LOTUS SWD #3 NONE GIVEN

ma/ka

Project Location: NOT GIVEN Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 23 (H251517-23)

Project Name:

RTFY 8021R

Project Number:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

03/19/2025 LOTUS SWD #3 NONE GIVEN

ma/ka

Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CBS 24 (H251517-24)

Project Name:

RTFY 8021R

Project Number:

Reporting Limit 0.050 0.050	Analyzed 03/15/2025	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	03/15/2025	ND	1 06				
0.050			1.86	93.2	2.00	6.62	
	03/15/2025	ND	1.95	97.5	2.00	10.2	
0.050	03/15/2025	ND	2.15	108	2.00	10.4	
0.150	03/15/2025	ND	6.59	110	6.00	11.9	
0.300	03/15/2025	ND					
% 71.5-13	4						
kg	Analyze	d By: CT					
Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	03/17/2025	ND	416	104	400	3.77	
kg	Analyze	d By: MS					
Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
10.0	03/14/2025	ND	230	115	200	0.150	
10.0	03/14/2025	ND	217	109	200	1.85	
10.0	03/14/2025	ND					
% 44.4-14							
0 44.4-14	5						
,	16.0 //kg Reporting Limit 10.0 10.0 10.0	Reporting Limit Analyzed 16.0 03/17/2025 /kg Analyzed Reporting Limit Analyzed 10.0 03/14/2025 10.0 03/14/2025 10.0 03/14/2025	Reporting Limit Analyzed Method Blank 16.0 03/17/2025 ND /kg Analyzed By: MS Reporting Limit Analyzed Method Blank 10.0 03/14/2025 ND 10.0 03/14/2025 ND 10.0 03/14/2025 ND	Reporting Limit Analyzed Method Blank BS 16.0 03/17/2025 ND 416 /kg Analyzed By: MS Reporting Limit Analyzed Method Blank BS 10.0 03/14/2025 ND 230 10.0 03/14/2025 ND 217 10.0 03/14/2025 ND ND	Reporting Limit Analyzed Method Blank BS % Recovery 16.0 03/17/2025 ND 416 104 /kg Analyzed By: MS Reporting Limit Analyzed Method Blank BS % Recovery 10.0 03/14/2025 ND 230 115 10.0 03/14/2025 ND 217 109 10.0 03/14/2025 ND ND	Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 16.0 03/17/2025 ND 416 104 400 /kg Analyzed By: MS Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 10.0 03/14/2025 ND 230 115 200 10.0 03/14/2025 ND 217 109 200 10.0 03/14/2025 ND ND 200 03/14/2025 ND	Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 16.0 03/17/2025 ND 416 104 400 3.77 /kg Analyzed By: MS Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 10.0 03/14/2025 ND 230 115 200 0.150 10.0 03/14/2025 ND 217 109 200 1.85 10.0 03/14/2025 ND 217 109 200 1.85

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

03/19/2025 LOTUS SWD #3 NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CBS 25 (H251517-25)

Project Name:

Project Number:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	< 0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.5	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025

03/19/2025

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 1 (H251517-26)

Reported:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.1	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Applyzod By: 14

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

ma/ka

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 2 (H251517-27)

RTFY 8021R

B1EX 8021B	ilig/	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (Pl	D 114 9	% 71.5-13	34						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/14/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/14/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/14/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	98.1	% 40.6-15	3						
EXT DRO >C28-C36 Surrogate: 1-Chlorooctane	<10.0	10.0 % 44.4-14	03/14/2025		217	109	200		1.65

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Celey D. Keine



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

03/19/2025 LOTUS SWD #3 NONE GIVEN

NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 3 (H251517-28)

Project Name:

Project Number:

Project Location:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

03/19/2025 LOTUS SWD #3 NONE GIVEN

ma/ka

NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 4 (H251517-29)

Project Name:

RTFY 8021R

Project Number:

Project Location:

Analyte 2* 5*	Result <0.050 <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 03/15/2025 03/15/2025 03/15/2025	Method Blank ND ND	BS 1.86 1.95	% Recovery	True Value QC 2.00	RPD 6.62	Qualifier
	<0.050 <0.050	0.050 0.050	03/15/2025				2.00	6.62	
	<0.050	0.050		ND	1 95				
			03/15/2025		1.55	97.5	2.00	10.2	
5*	<0.150		03/13/2023	ND	2.15	108	2.00	10.4	
		0.150	03/15/2025	ND	6.59	110	6.00	11.9	
	<0.300	0.300	03/15/2025	ND					
-Bromofluorobenzene (P.	D 126	% 71.5-13	4						
4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	16.0	16.0	03/17/2025	ND	416	104	400	3.77	
	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
*	<10.0	10.0	03/15/2025	ND	230	115	200	0.150	
28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
28-C36	<10.0	10.0	03/15/2025	ND					
	96.0	% 44.4-14	5						
-Chlorooctane									
28-C36				ND				_	

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Analyzed By: JH

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

NOT GIVEN

LOTUS SWD #3

mg/kg

NONE GIVEN

Sampling Condition: Sample Received By:

Sampling Date:

03/13/2025

Sampling Type: Soil

Cool & Intact Alyssa Parras

Project Location:

Sample ID: CSW 5 (H251517-30)

Project Name:

BTEX 8021B

Project Number:

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.5	% 40.6-15	3						

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Alyssa Parras

Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025

Sampling Date: 03/13/2025 03/19/2025 Sampling Type: Soil LOTUS SWD #3 Sampling Condition: Cool & Intact

Sample Received By:

Project Name: Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sample ID: CSW 6 (H251517-31)

Reported:

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	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	102 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.1	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

ma/ka

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 7 (H251517-32)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2025	ND	1.86	93.2	2.00	6.62	
Toluene*	<0.050	0.050	03/15/2025	ND	1.95	97.5	2.00	10.2	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.15	108	2.00	10.4	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.59	110	6.00	11.9	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100 9	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Applyzod By: 14

03/13/2025

ma/ka

Reported: 03/19/2025
Project Name: LOTUS SWD #3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date:

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

03/13/2025

Sample ID: CSW 8 (H251517-33)

Received:

RTFY 8021R

B1EX 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	03/14/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/14/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/14/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Applyzod By: 14

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

ma/ka

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 9 (H251517-34)

RTFY 8021R

B1EX 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	03/14/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/14/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	< 0.050	0.050	03/14/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	103 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.2	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025

03/19/2025

NOT GIVEN

Reported: Project Name: LOTUS SWD #3 Project Number:

NONE GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 10 (H251517-35)

Project Location:

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	03/14/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/14/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/14/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 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	<16.0	16.0	03/17/2025	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	94.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.7	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549

Fax To:

Received: 03/13/2025 Reported:

03/19/2025

NOT GIVEN

LOTUS SWD #3

NONE GIVEN

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 11 (H251517-36)

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/14/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/14/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	03/17/2025	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.4	% 40.6-15	3						

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Alyssa Parras

Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

Sampling Date: 03/13/2025 03/19/2025 Sampling Type: Soil LOTUS SWD #3 Sampling Condition: Cool & Intact

Sample Received By:

Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sample ID: CSW 12 (H251517-37)

Project Name:

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	03/14/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/14/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/14/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	<16.0	16.0	03/17/2025	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.8	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported: 03/19/2025

Project Name: LOTUS SWD #3 Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 13 (H251517-38)

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	03/14/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/14/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/14/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 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	<16.0	16.0	03/17/2025	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	03/15/2025	ND	230	115	200	0.150	
DRO >C10-C28*	<10.0	10.0	03/15/2025	ND	217	109	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	03/15/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Гах

Received: 03/13/2025 Sampling Date: 03/13/2025

Reported: 03/19/2025 Sampling Type: Soil

Project Name: LOTUS SWD #3 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: NOT GIVEN

Sample ID: CSW 14 (H251517-39)

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	03/15/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/15/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 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	03/17/2025	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	03/16/2025	ND	195	97.6	200	0.332	
DRO >C10-C28*	<10.0	10.0	03/16/2025	ND	192	96.0	200	0.899	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	93.4	% 40.6-15	3						

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Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

03/19/2025 LOTUS SWD #3

Project Name: Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 03/13/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CSW 15 (H251517-40)

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	03/15/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/15/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 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	<16.0	16.0	03/17/2025	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	03/16/2025	ND	195	97.6	200	0.332	
DRO >C10-C28*	<10.0	10.0	03/16/2025	ND	192	96.0	200	0.899	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.7	% 40.6-15	3						

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03/13/2025

Cool & Intact

Alyssa Parras

Soil

Analytical Results For:

TIGER ENERGY OILFIELD SERVICES LYNN ACOSTA 5506 MOUNTAIN VIEW DR. SNYDER TX, 79549 Fax To:

Received: 03/13/2025 Reported:

Sampling Date: 03/19/2025 Sampling Type:

Project Location: NOT GIVEN

Project Name: LOTUS SWD #3 Sampling Condition: Project Number: NONE GIVEN Sample Received By:

Sample ID: BACKFILL (H251517-41)

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	03/15/2025	ND	1.89	94.4	2.00	8.44	
Toluene*	<0.050	0.050	03/15/2025	ND	1.96	98.1	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/15/2025	ND	2.09	105	2.00	4.98	
Total Xylenes*	<0.150	0.150	03/15/2025	ND	6.07	101	6.00	6.42	
Total BTEX	<0.300	0.300	03/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	<16.0	16.0	03/17/2025	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	03/16/2025	ND	195	97.6	200	0.332	
DRO >C10-C28*	<10.0	10.0	03/16/2025	ND	192	96.0	200	0.899	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	94.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.7	% 40.6-15	3						

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Notes and Definitions

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

recovery.

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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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Tiger Energy Oilfield Service	6									BI	ILL	TO					ΔΝΔ	YSIS	R	EQUE	EST		
Project Manage	rLynn Acosta							F	.0.	#:					T						T	T	Т	\forall
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City: Snyder	State: TX	Zip	: 79	954	19				ttn:			30.		91	1									
Phone #:	Fax #:	-						A	ddr	ess					1									
Project #:	Project Owne	r:						+	ity:							NA NA								
Project Name:	Lotus SWD #3								tate			Zip			1	2,								
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Sampler Name:								+	ax#						1	0,0								
FOR LAB USE ONLY			Г	Г	N	IATR	IX	1.	www.wine	-	ERV	1	SAM	PLING	1	SR								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER ·	ACID/BASE:	ICEY COOL	OTHER:		DATE	TIME	Btex	TPH,8015D,GRO,DRO,MRO	Chloride							
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PLEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remedy for an	y claim	arisin	g whet	her bas	ed in c	ontrac	t or to	rt, shall	be H	mited to	to the ar	mount paid	by the client for t	he	1					_	-	-	

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	PLEASE NOTE: Liability and Damages. Cardinal's liability and cl	ent's exclusive remedy for any cla	alm origina who	that based in contract or text	shall be the best to the	0 75										
5	arrayses. Air claims including those for negligence and any other	cause whatsoever shall be deeme	ed waived unle	ess made in writing and receive	ad by Cardinal within 20 days at	as assembled a fake and the le										
4	service. In no event shall Cardinal be liable for incidental or cons	equental damages, including witho	out limitation, but	usiness interruntions lose of a	upp or loss of profile incurred by	offent in autoliticates	же									
5	attributes or successors arising out of or related to the performano	e of services hereunder by Cardina	al, regardless of	of whether such daim is based	d upon any of the above stated in	easons or othorwise										
4	Retinquished By:	Date: Re	eceived	By:		Verbal Result:	☐ Yes	□ No I	Add'l P	hone #:						-
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0	Delivered by. (Officie Offe)			Sample Condition	CHECKED BY:	Turnaround Time	-00			Bacteria	a (only)	Sample	Condit	ion		
	Sampler - UPS - Bus - Other:			Cool Intact	(Initials)	Thermometer ID #	5 Ru	sh		cool In	tact	Obser	rved Ter	mp. °C		
b	Sampler - UPS - Bus - Other:	orrected Temp. °C	77	Yes Yes	A	Thermometer ID #	113 #140			Yes	Yes					- 1
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ei		, our amai cami	or accep	A verbai changes	. riease email cha	riges to celey.kee	ene@card	ıınaılabsı	nm.co	m						
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Received by OCD: 4/30/2025 2:54:51 PM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Tiger Energy Oilfield Service	s									BI	/4	LTO	1.1.2		The State of			AN	VAL	YSIS	R	EQU	JES	Т			
Project Manage	rLynn Acosta							P	.0.	#:					T		T	T	T	T			T	T	T			
Address: 5506	Mountain View Dr							c	om	pan	y:Tio	aeı	r Ene	rav	1													
City: Snyder	State: TX	Zij	o: 7	954	19				ttn:					3,	1											1		
Phone #:	Fax #:							A	ddr	ess	:				1	10												
Project #:	Project Owner	r:						c	ity:						1	1 8												
Project Name:	Lotus SWD #3								tate			Zi	n.		1	0,0										- 1		
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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLIDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:		DATE	TIME	Btex	TPH,8015D,GRO,DRO,MRO	Chloride											
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26	CP520	1					T	T		1		1	V	935			1		+	+	\dashv		1	+	+	+	-	\dashv
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PLEASE NOTE: Liability and Damages. Cardinat'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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries,

amiliates or successors arising out of or related to the perform	nance of services hereunder by Cardinal, regard	dless of whether such daim is based	upon any of the above stated re	ageons or otherwise	
Relinguished By:	Date: Receiv	red By:	and any or are opened stated to		dd'l Phone #:
Make	3 13 3 5 Time:	00.		All Results are emailed. Please provide Hayden@StrataresourcesLL	_C.com
Relinquished By:	Date: Receiv	ed By:		REMARKS:	Arrowlogisticsnm@Gmail.com ,
	Time:			Pleas Total TPH!	
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time: Standard	Bacteria (only) Sample Condition
	Corrected Temp. °C	Cool Intact Yes Yes No No	(Initials)	AP 3/3: 25 Rush Thermometer ID #449#140 Correction Factor 9.5°C + D . 3'	Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C
FORM-000 R 3.2 10/07/21				the same of the sa	THE THE CONTESTED TEMP. C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Tiger Energy O	Dilfield Service	S									BI	LLT	9						AN	ALYS	SIS	REQ	UE	ST		
Project Manage	rLynn Acosta								F	2.0.	#:										T	T					
Address: 5506	Mountain View	Dr							C	om	par	y:Tig	ger En	erg	У												
City: Snyder		State: TX	Zip	p: 7	954	49			- 1	Attn:																	
Phone #:		Fax #:							A	Addr	ess	:					0										
Project #:		Project Owne	r:						o	ity:							AR.										
Project Name:	Lotus SWD #3								S	tate	:		Zip:				O,										
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Sampler Name:									F	ax f	t:						Ő,										
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Tiger Energy Oilfield Service	9					According to	1			BI	LL TO						ANA	LYSIS	S R	EQUI	EST		_	
Project Manage	rLynn Acosta							P.	0.	SERVICE STREET											T	T	T		\sqcap
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PLEASE NOTE: Liability an	barnages. Cardinal's liability and client's exclusive remedy for a	. Cardinal's liability and client's exclusive remedy for any claim arising whether base						or tor	t, shall	be lin	nited to	the amount paid	by the client for t	he					Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner,				-	-	

PLEASE NOTE: Liebelty and Dehages. Cardina's liability and client's exclusive remedy for any delian arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims heliuding those for negligence and any other cause whatsoever shall be deemed unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal to liable for incidental or consequental demages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

	affiliates or successors arising out of or related to the performance	NAME AND ADDRESS OF THE OWNER, WHEN PERSONS NAMED IN	rdinal, regardless of whether such daim is be	sed upon any of the above stated re	easons or otherwise.	
	Relinquished By:	Date:	Received By:		Verbal Result: ☐ Yes ☐ No	Add'l Phone #:
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					The state of the s	
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	Delivered By: (Circle One)	bserved Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time: Standard	Bacteria (only) Sample Condition
	Sampler - UPS - Bus - Other:	orrected Temp. °C	Yes Yes	(Initials)	Thermometer ID - H413-45	Cool Intact Observed Temp. °C
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(3/3) 393-2320 FAX (3/3) 393-24	+10																						
Company Name	Tiger Energy Oilfield Services	3									3//	LL TO					ANAL	YSIS	RE	QUE	ST			
Project Manage	Tiger Energy Oilfield Services							P.	0. #	:														П
	Mountain View Dr							Co	mp	any	Tig	er Ener	gy											
City: Snyder	State: TX	Zip:	79	549	9			At	tn:															
Phone #:	Fax #:							Ad	ldre	ss:					0									
Project #:	Project Owner	r						Cit	ty:						MR									
Project Name: L	otus SWD #3							St	ate:			Zip:			ő		1							
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PLEASE NOTE: Liability and Damages. Cardinat'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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

difference of successors arising out of or related to the performance	de of services heredinger by Ca	rdinal, regardless of whether such dain is base	ed upon any or the above stated te	leasons of garetwise.
Relinquished By:	Date:	Received By:		Verbal Result: ☐ Yes ☐ No Add'l Phone #:
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Sumple St S Sub State:	orrected remp. o	No No	ff?	Correction Factor -0.5°C +0.3

[†] Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



APPENDIX D: NOTIFICATION OF SAMPLING

SIGN-IN HELP

Searches Operator Data Hearing Fee Application

Hobbs

Lea

Districts:

Counties:

OCD Permitting

Home Operator Data

Operator:

Action Status

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID: 440673

[308339] OWL SWD OPERATING, LLC

Description: OWL SWD OPERATING, LLC [308339]

, LOTUS #1 SWD , nAPP2110953917

Status: APPROVED
Status Date: 03/10/2025

References (2): 30-025-36004, nAPP2110953917

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#) nAPP2110953917

Incident Name NAPP2110953917 LOTUS #1 SWD @ 30-025-36004

03/13/2025

 Incident Type
 Produced Water Release

 Incident Status
 Remediation Plan Approved

 Incident Well
 [30-025-36004] LOTUS SWD #001

Location of Release Source

 Site Name
 LOTUS #1 SWD

 Date Release Discovered
 04/14/2021

 Surface Owner
 Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet 8,000
What is the estimated number of samples that will be gathered 40

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

19.15.29.12 NMAC

Time sampling will commence 08:00 AM

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

Please provide any information necessary for observers to contact samplers

Mike Burton (575)499-5306

Please provide any information necessary for navigation to sampling site

Lat/Long: 32.35341, -103.69041

SIGN-IN HELP

		Searches	Operator Data	Hearing Fee Application
Comments				
No comments found for	this submission.			
Conditions				
Summary:	scowden01 (3/10/2025), Failure to notify the OCD of sampling even remediation closure samples not being accepted.	ats including any changes in date/time per t	he requirements of 19.15.2	9.12.D.(1).(a) NMAC, may result in the
Reasons				
No reasons found for th	s submission.			
Go Back				

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EMNRD Home OCD Main Page OCD Rules Help



APPENDIX E: PHOTO LOG

Received by OCD: 4/30/2025 2:54:51 PM

Lotus SWD #001 (nAPP2110953917) Excavation, Backfill & Reclamation Photolog







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Page 133 of 144

Lotus SWD #001 (nAPP2110953917) Excavation, Backfill & Reclamation Photolog







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Received by OCD: 4/30/2025 2:54:51 PM

Lotus SWD #001 (nAPP2110953917) Excavation, Backfill & Reclamation Photolog

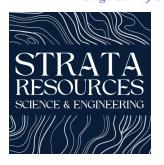






Received by OCD: 4/30/2025 2:54:51 PM

Lotus SWD #001 (nAPP2110953917) Excavation, Backfill & Reclamation Photolog







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

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

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

QUESTIONS

Action 457279

QUESTIONS

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2110953917
Incident Name	NAPP2110953917 LOTUS #1 SWD @ 30-025-36004
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-36004] LOTUS SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LOTUS #1 SWD
Date Release Discovered	04/14/2021
Surface Owner	Private

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

faterial(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 20 BBL Recovered: 0 BBL Lost: 20 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

General Information Phone: (505) 629-6116

Online Phone Directory 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 457279

QUESTIONS	(continued)
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Q02011	orto (continuou)
Operator: OWL SWD OPERATING, LLC	OGRID: 308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
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	safety hazard that would result in injury
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	All actions have occurred
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of 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: SHELLY COWDEN Title: NM Regulatory Manager Email: shelly.cowden@pilotwater.com Date: 02/19/2025

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 3

Action 457279

QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Between 1 and 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in mil	igrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1730	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4599	
GRO+DRO (EPA SW-846 Method 8015M)	4599	
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 02/07/2025		
On what date will (or did) the final sampling or liner inspection occur	02/14/2025	
On what date will (or was) the remediation complete(d)	02/14/2025	
What is the estimated surface area (in square feet) that will be reclaimed	4849	
What is the estimated volume (in cubic yards) that will be reclaimed	1570	
What is the estimated surface area (in square feet) that will be remediated	4849	
What is the estimated volume (in cubic yards) that will be remediated	1570	
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.		

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 4

Action 457279

QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
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	
D 0 1 " D (40 45 00 44 NAAO 1 " " 1 1 1 1 " " 1 1 1 1 1 1 1 1 1 1	M	

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: SHELLY COWDEN Title: NM Regulatory Manager I hereby agree and sign off to the above statement Email: shelly.cowden@pilotwater.com Date: 02/19/2025

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

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

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

QUESTIONS, Page 5

Action 457279

QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 457279

QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440673
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2025
What was the (estimated) number of samples that were to be gathered	40
What was the sampling surface area in square feet	8000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4849
What was the total volume (cubic yards) remediated	1570
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	4849
What was the total volume (in cubic yards) reclaimed	1570
Summarize any additional remediation activities not included by answers (above)	None

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: SHELLY COWDEN
Title: NM Regulatory Manager
Email: shelly.cowden@pilotwater.com
Date: 04/30/2025

General Information Phone: (505) 629-6116

Operator:

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 7

Action 457279

QUESTIONS (continued)

OGRID:

OWL SWD OPERATING, LLC	308339	
20 Greenway Plaza	Action Number:	
Houston, TX 77046	457279	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	4849	
What was the total volume of replacement material (in cubic yards) for this site	1570	
	of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	04/22/2025	
Summarize any additional reclamation activities not included by answers (above)	None	
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form in tield notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
I have been self-the table in farmer in the control of the control	all and all and and and and the day are small as OOD and a small affect all an are the control of the day of the control of th	
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repo	whowledge and understand that pursuant to OCD rules and regulations all operators are required tases which may endanger public health or the environment. The acceptance of a C-141 report by a adequately investigate and remediate contamination that pose a threat to groundwater, surface out does not relieve the operator of responsibility for compliance with any other federal, state, or utilally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ding notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: SHELLY COWDEN Title: NM Regulatory Manager Email: shelly.cowden@pilotwater.com Date: 04/30/2025	

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QUESTIONS, Page 8

Action 457279

QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Action 457279

CONDITIONS

Operator:	OGRID:
OWL SWD OPERATING, LLC	308339
20 Greenway Plaza	Action Number:
Houston, TX 77046	457279
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	d Condition	Condition Date
nvele	z None	7/1/2025