

April 22, 2025

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

Re: Closure Request JRU 124 Battery Incident Number nAPP2428369219 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum) on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document excavation and soil sampling activities performed at the JRU 124 Battery (Site). The purpose of excavation and soil sampling activities, conducted in accordance with an approved *Remediation Work Plan* (*Work Plan*), was to address impacts to soil resulting from a release of crude oil and produced water at the Site. XTO is submitting this *Closure Request*, describing remediation activities that have occurred and requesting no further remediation for Incident Number nAPP2428369219.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 17, Township 23 South, Range 31 East, in Eddy County, New Mexico (32.30496°, -103.80258°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On October 9, 2024, due to alarm status failure, tanks located within a lined containment overflowed, resulting in the release of 863 barrels (bbls) of produced water and 28 bbls of crude oil onto the facility pad and into the adjacent pasture. A vacuum truck was dispatched to recover free-standing fluids. Approximately 859 bbls of fluids were recovered. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on October 9, 2024, and subsequently submitted an initial C-141 Application (C-141) on October 10, 2024. The release was assigned Incident Number nAPP2428369219.

Ensolum conducted Site assessment and delineation activities and presented the results in the *Work Plan*. The *Work Plan* was submitted on January 7, 2025, and was approved by the NMOCD on January 23, 2025. The *Work Plan* proposed liner inspection activities, excavation of impacted soil, and a confirmation soil sampling frequency variance of every 400 square feet per confirmation floor and sidewalls of the excavation. NMOCD approved the sampling variance of the 400 square feet per confirmation soil sample, but only 200 square feet per sidewall confirmation soil sample. The release extent area and delineation soil sample locations are depicted on Figure 1.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As documented in the approved *Work Plan*, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, NM 88220 | ensolum.com XTO Energy, Inc Closure Request JRU 124 Battery

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

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

LINER INSPECTION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between March 27 and April 17, 2025, Ensolum personnel were onsite to conduct a liner integrity inspection and oversee excavation of impacted soil according to the approved Work Plan. A liner integrety inspection was conducted on the lined containment of where the release occurred on April 17, 2025. The liner was cleaned of all debris and no holes or tears were found. The inspection results determined that the liner was operating as designed. Excavation activities were performed by use of heavy equipment. To direct excavation activities, soil was field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. Once field screening results indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 400 square feet on the floor of the excavation and 200 square feet on the sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples FS02 through FS04 and FS06 through FS46 were collected from the floor of the excavation at depths ranging from 1-foot to 4 feet bgs. Confirmation soil samples SW01 through SW19 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 4 feet bgs. Heavy equipment could not access two areas within the release extent due to production equipment, lined containment walls, and surface flowlines. Surface scraping with hand tools was conducted in these areas and confirmation soil samples FS01 and FS05 were collected. No sidewall soil samples were collected near FS01 and FS05 since there was no excavation at depth in these areas. The area of FS01 is laterally defined by the lined containment walls and the area of FS05 is laterally defined by a lined containment wall and two discrete delineation soil samples (SS15 and SS16) collected immediately outside of the release extent and surface scraped area. All confirmation soil sample locations were mapped utilizing a handheld global positioning system (GPS) unit and are depicted on Figure 2. Photographic documentation of the liner inspection and excavation activities are provided in a Photographic Log in Appendix A.

The confirmation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

The final excavation extent measured approximately 17,200 square feet. A total of approximately 1,400 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and disposed of at Owl Landfill Service, LLC in Jal, New Mexico. As of the date of this *Closure Request* Report, impacted soil is still in the process of being transported to the disposal facility.



XTO Energy, Inc Closure Request JRU 124 Battery

All current copies of disposal manifests are provided in Appendix B. The final excavation was fenced pending backfill activities.

LABORATORY ANALYTICAL RESULTS

As detailed in the *Work Plan*, delineation soil samples SS01/BH01 through SS05/BH05 at depths ranging from 0.5 feet to 4 feet bgs, indicated the presence of impacted soil. The soil represented by these soil samples was removed during excavation activities. Analytical results for all excavation floor and sidewall soil samples indicated all COC concentrations were compliant with the Closure Criteria and reclamation requirement, where applicable. Analytical results for delineation soil samples SS15 and SS16 indicated all COC concentrations are below the strictest Table I Closure Criteria standards and thus, delineate the waste-containing soil identified in FS05. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix C.

CLOSURE REQUEST

Excavation activities were conducted at the Site as outlined in the *Work Plan* to address the October 9, 2024, release of crude oil and produced water. The approved *Work Plan* is provided in Appendix D. Laboratory analytical results for the confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Closure Criteria and reclamation requirement, where applicable. Based on the soil sample laboratory analytical results, no further remediation is required. The excavated area will be backfilled with material purchased locally and the Site will be recontoured to match pre-existing Site conditions. The area will be reseeded with an approved BLM seed mixture and monitored for vegetation regrowth.

Excavation of soil has mitigated impacts at this Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2428369219.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, Ensolum, LLC

Uriel Santillana Associate Scientist

Colton Brown, XTO CC: Kaylan Dirkx, XTO BLM

Appendices:

Figure 1 Delineation Soil Sample Locations



Ashley L. ager

Ashley L. Ager, M.S., P.G. Principal

XTO Energy, Inc Closure Request JRU 124 Battery

Figure 2	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Photographic Log
Appendix B	Disposal Manifests
Appendix C	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix D	January 7, 2025 Remediation Work Plan

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FIGURES

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Eddy County, New Mexico

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TABLES

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TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS JRU 124 Battery XTO Energy, Inc Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I CI	osure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Deli	neation Soil Sa	mples				
SS01	10/25/2024	0.5	0.331	62.0	755	4,210	778	4 ,965	5,743	13,800
BH01A	11/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,760
BH01B	11/26/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH01C	11/26/2024	6	<0.050	<0.300	<10.0	68.2	<10.0	68.2	68.2	80.0
\$\$02	10/25/2024	0.5	0.123	40.1	1,070	5,780	1,030	6 ,850	7,880	10,000
BH02A	11/26/2024	4	<0.050	<0.300	<10.0	109	<10.0	109	109	944
BH02B	11/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,280
\$\$03	10/25/2024	0.5	0.121	52.3	1,640	15,900	3,300	17,5 40	20,840	5,280
BH03A	11/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
BH03B	11/26/2024	6	<0.050	<0.300	<10.0	43.8	<10.0	43.8	43.8	704
BH03C	11/26/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
SS04	10/25/2024	0.5	<0.050	3.39	66.4	2,110	472	2,176	2,6 48	7,200
BH04A	11/26/2024	4	<0.050	<0.300	<10.0	16.0	<10.0	16.0	16.0	80.0
BH04B	11/26/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BH04C	11/26/2024	8	<0.050	<0.300	<10.0	166	16.7	166	183	512
SS05	10/25/2024	0.5	<0.200	95.1	2,290	11,500	2,080	13,790	15,870	21,200
BH05A	11/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,410
BH05B	11/26/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SS06	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS07	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS08	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SS09	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS10	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS11	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SS12	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS13	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	22 4
SS14	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS15	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS16	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
JRU 124 Battery
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample	Sample Depth	Benzene	Total BTEX	TPH GRO	TPH DRO	TPH ORO	GRO+DRO	Total TPH	Chloride
	Date	(feet bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Table I CI	osure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Confi	rmation Soil Sa	amples				
FS01	03/31/2025	0.5	<0.050	<0.300	<10.0	10.6	<10.0	10.6	10.6	5,120
FS02	03/31/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
FS03	04/01/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,750
FS04	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,140
FS05	03/31/2025	0.5	<0.050	<0.300	11.6	56.8	<10.0	68.4	68.4	7,200
FS06	04/01/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,000
FS07	04/01/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
FS08	04/01/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,810
FS09	04/01/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,020
FS10	04/07/2025	4	<0.050	<0.300	<10.0	35.3	<10.0	35.3	35.3	4,360
FS11	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,600
FS12	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS13	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS14	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS15	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
FS16	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS17	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS18	04/07/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS19	04/09/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
FS20	04/09/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,960
FS21	04/09/2025	1	<0.050	<0.300	<10.0	10.6	<10.0	10.6	10.6	1,800
FS22	04/09/2025	1	<0.050	<0.300	<10.0	25.6	<10.0	25.6	25.6	1,410
FS23	04/09/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
FS24	04/10/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	864
FS25	04/10/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,740
FS26	04/10/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,040
FS27	04/10/2025	1	<0.050	<0.300	<10.0	369	91.7	369	461	1,820
FS28	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	880
FS29	04/10/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,250
FS30	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,870
FS31	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280

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TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS JRU 124 Battery XTO Energy, Inc Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I CI	osure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS32	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,840
FS33	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,680
FS34	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS35	04/10/2025	1	<0.050	<0.300	<10.0	34.4	<10.0	34.4	34.4	320
FS36	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS37	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS38	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,040
FS39	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS40	04/14/2025	1	<0.050	<0.300	<10.0	117	26.3	117	143	2,960
FS41	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
FS42	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,600
FS43	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
FS44	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,170
FS45	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
FS46	04/14/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
SW01	04/01/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW02	04/01/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW03	04/01/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW04	04/01/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW05	04/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW06	04/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW07	04/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW08	04/08/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW09	04/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SW10	04/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW11	04/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW12	04/09/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW13	04/09/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW14	04/14/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW15	04/14/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW16	04/15/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SW17	04/14/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256

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TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS JRU 124 Battery XTO Energy, Inc Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Cl	osure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
SW18	04/15/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW19	04/15/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities

4 of 4



APPENDIX A

Photographic Log









APPENDIX B

Disposal Manifests

221		
18 of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219	COMPANY MAN: <u>Kent Retra</u> (Authorized Agent's Printed Name and Title) SIGNATURE: 0382420
	505.231.1212 ar@ndblandfill.com	COMPANY MAN PHONE:
	COMPANY NAME: XTO	DATE: <u>4-8-25</u>
	LEASE: JRU # RYH TB	PHONE:
	AFE #: EW. 2025. 15665 FAPE 212305:	2932 QUANTITY: BBLS
	RIGNAME: 113925/001 WELL#:	2428369219
	STATE & COUNTY ORIGIN: M Freder	(+ 03C155856220 @ YARDS
	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt
10.	Water Based Cuttings (DRY) Water Based Cutting Water Based Cutting	
ACACACHO	Oil Based Cuttings (DRY) Oil Based Cuttings (N Oil Base Mud Water Base Mud	(WET) Injectable Fluids Non-Injectable Fluids Muds w/Cement I Tank Bottoms
20	Rig Trash Pit Liners	
C		Authorize Washout? Yes Avia
1 446	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) is (Check the appropriate classification)	A) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
CO	GINGERA EXEMPT: Oilfield wastes generated from oil and gas certifications on a per load basis only)	s exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that regulations, 40 CFR 261.21-261.24, or listed	t does not exceed the minimum standards for waste hazardous by characteristics established in RCRA d hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation
		us is attached. (Check the appropriate items as provided) Ious Waste Analysis 🔲 Process Knowledge 🔲 Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield was waste determination and a description of t	aste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous that waste must accompany this form)
	(Print) Authorized Agent's Name	Date Signature
-	TO BE COMPLETED BY THE TRAI	NSPORTER WHILE THE GENERATOR IS PRESENT
rto	COMPANY NAME: SEMT-EX MCX	YARD #: WHP #: TRUCK #:
00	ADDRESS: ADDRE	TICKET #: ROLL OFF BIN#: TRAILER #: 87
Transporter	RECEIVED	DISPATCHER NAME: Withen wieler PHONE #: 632-209-085
L.	the following statement must be signe	ed by the truck driver prior to unloading at disposal facility:
0		IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
Part	DRIVER: Johngo Sal Za (Driver's Name Printed)	Durada
Laboration of the laboration o	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVE	EN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
M	TO BE COMPLET	TED BY OWL LANDFILL EMPLOYEES
9:58:51 AM acility	FACILITY RECEIVED AT (Check One):	DATE: AM/PM
5 9:58:51 Facility	Northern Delaware Basin Landfill	WASHOUT BY:
025 9	2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT: TIME IN: TIME OUT:
Received by OCD: 4/23/2025 Part 3 - Disposal F	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A	NORM TESTING: Less than 50 Shake Out: 1 2 3 H ₂ O H ₂ O H ₂ O
d by	SERVICE NOTES: This is to certify that:	MCR) Gallon Test:
Received I	EMPLOYEE SIGNATURE:	has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
-	White Copy: Disposal Facility	Vellow: Transporter Pink: Generator

f 22		
Page 19 of 22	Dallas, TX 75219 505.231.1212 COMPANY M	AAN: <u>Key t Retz</u> (Authorized Agent's Printed Name and Title) NAN EMAIL: NAN PHONE:
	COMPANY NAME: XTO	DATE:
	LEASE: JRU # 124 HTB CC113925100	
	AFE#: 2025. 15465 API: 0301558562	QUANTITY: BBLS
	RIGNAME: 2428369219 WELL #: 124 17	
	STATE & COUNTY ORIGIN: Lddy PAPP 21230529	32
2	Waste Description (check only one box)	
ato	Water Based Cuttings (DRY) Water Based Cuttings (WET) Oil Based Cuttings (DRY) Oil Based Cuttings (WET)	Contaminated Soil Produced Sands
ler	Image: Consistence of the set of the s	Muds w/Cement Tank Bottoms
Gen	Water Based Cuttings (DRY) Water Based Cuttings (WET) Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Oil Base Mud Water Base Mud Rig Trash Pit Liners	
1-0	Other:	Authorize Washout? Yes No
Pa	is (Check the appropriate classification) RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and p certifications on a per load basis only)	roduction operations and are not mixed with non-exempt waste (NDBL Accepts
	□ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24, or listed hazardous waste demonstrating the waste as non-hazardous is attached. (Che	the minimum standards for waste hazardous by characteristics established in RCRA as defined by 40 CFR, part 261, subpart D, as amended. The following documentation eck the appropriate items as provided)
	. 🔲 SDS Information 👘 RCRA Hazardous Waste Analysi	s 🔲 Process Knowledge 🔄 Other (Provide Description Below)
	Emergency non-hazardous, non-oilfield waste that has been	ordered by the Department of Public Safety (the order, documentation of non-hazardous
	waste determination and a description of that waste must ad	
		a subject for the second
	(Print) Authorized Agent's Name Date	Signature
er	(Print) Authorized Agent's Name Date	HILE THE GENERATOR IS PRESENT
orter	(Print) Authorized Agent's Name Date	Signature HILE THE GENERATOR IS PRESENT WHP #:
Isporter	(Print) Authorized Agent's Name Date	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #:
ransporter	Image: Print) Authorized Agent's Name Date TO BE COMPLETED BY THE TRANSPORTER WI COMPANY NAME: Sem Texme YARD #: ADDRESS: TICKET #: TICKET #: DATE TIME AM DISPATCHER RECEIVED: RECEIVED: PM NAME:	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #:
2 - Transporter	(Print) Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #: Striver prior to unloading at disposal facility:
2	(Print) Authorized Agent's Name Date TO BE COMPLETED BY THE TRANSPORTER WI COMPANY NAME: Sem Texme YARD #: ADDRESS: TICKET #: DATE TIME RECEIVED: RECEIVED: The following statement must be signed by the truck "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSE	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #: Striver prior to unloading at disposal facility: L SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
1	(Print) Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #: Christer prior to unloading at disposal facility: EL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: UBJ
2	(Print) Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #: Christer prior to unloading at disposal facility: Stance LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: July July July July July July July July
M Part 2-	(Print) Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #: Christer prior to unloading at disposal facility: EL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: Museu MIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE ANDFILL EMPLOYEES
M Part 2 -	(Print) Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: PHONE #: Christer prior to unloading at disposal facility: Stance LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE!" DRIVER'S SIGNATURE: July July July July July July July July
M Part 2 -	(Print) Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT
9:58:51 AM Part 2 -	Image: Printly Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT WHP #: TRUCK #: ROLL OFF BIN#: TRAILER #: ROLL OFF BIN#: TRAILER #: PHONE #: DISPATCHER PHONE #: PHONE #: Carrier prior to unloading at disposal facility: EL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: Juluat MIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE ANDFILL EMPLOYEES TIME IN: AM / PM TIME OUT: AM / PM
9:58:51 AM Part 2 -	Image: Printly Authorized Agent's Name	Signature HILE THE GENERATOR IS PRESENT
4/23/2025 9:58:51 AM isposal Facility Part 2 -	Image: Company Name:	Signature HILE THE GENERATOR IS PRESENT
0CD: 4/23/2025 9:58:51 AM 3 - Disposal Facility Part 2 -	Date TO BE COMPLETED BY THE TRANSPORTER WI COMPANY NAME: Sem Text med with the colspan="2">Sem Text med with the colspan="2"	Signature HILE THE GENERATOR IS PRESENT
0CD: 4/23/2025 9:58:51 AM 3 - Disposal Facility Part 2 -	Date TO BE COMPLETED BY THE TRANSPORTER WI COMPANY NAME: Sem Text med with the colspan="2">Sem Text med with the colspan="2"	Signature HILE THE GENERATOR IS PRESENT
4/23/2025 9:58:51 AM isposal Facility Part 2 -	Date TO BE COMPLETED BY THE TRANSPORTER WI COMPANY NAME: Sem Text med with the colspan="2">Sem Text med with the colspan="2"	Signature HILE THE GENERATOR IS PRESENT

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of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com		(Authorized Agent's Printed Name and Titl N EMAIL:	0418032
	COMPANY NAME:			
	LEASE: 1RU#124 14 TB CC 1139251	1001	PHONE:	
	AFE/#: 2025.15/065_ API: 030155	58562	QUANTITY:	BBLS
	RIG NAME: 1/12/28364219 WELL #	PR4HT	3	20
	STATE & COUNTY ORIGIN: Eddy Anthony 2123	052932	2	ZO YARDS
	Waste Description (check only one box)	RCRA Exe	mpt 🔲 RC	RA Non-Exempt
enerator	Water Based Cuttings (DRY)		Contaminated Soil	Produced Sands
era	Oil Based Cuttings (DRY)	s (WET)	Injectable Fluids	Non-Injectable Fluids
Sue	Oil Base Mud Water Base Mud		Muds w/Cement	Tank Bottoms
Ū	Rig Trash Dit Liners		Authorize Washout?	Yes -No
-	I hereby certify that according to the Resource Conservation and Recovery Act (RC	RA) and the US Environm	ental Protection Agency's July 1988 regula	tory determination, the above described waste load
art	is (Check the appropriate classification) RCRA EXEMPT: Oilfield wastes generated from oil and g			
P	certifications on a per load basis only)			
	□ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous th regulations, 40 CFR 261,21-261,24, or list	ted hazardous waste as	defined by 40 CFR, part 261, subpart D,	us by characteristics established in RCRA as amended. The following documentation
	demonstrating the waste as non-hazard	ous is attached. (Check rdous Waste Analysis		ner (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste determination and a description of the second se	waste that has been or of that waste must acco	dered by the Department of Public Safe mpany this form)	ty (the order, documentation of non-hazardous
	(Print) Authorized Agent's Name	Date	Signature	
	TO BE COMPLETED BY THE TR	ANSPORTER WHI	LE THE GENERATOR IS PRESEN	T T
ter	COMPANY NAME: Sem Tex mex	YARD #:	WHP #:	TRUCK #: (al
ō	ADDRESS:			TRAILER #: 0237
<mark>us</mark>	DATE TIME AM RECEIVED: PM	DISPATCHER		DISPATCHER
Transport	RECEIVED: RECEIVED: IPM The following statement must be sign			_ PHONE #:
2	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE	D IN THIS VESSEL	SINCE LOADING OF MATERIAL	DESCRIBED IN PART 1 ABOVE."
Part	DRIVER: Coilbert Margaell		DRIVER'S SIGNATURE:	in Manel
Pa	(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GI	IVEN ON THIS MANII	FEST IS TRUE AND ACCURATE TO T	HE BEST OF MY KNOWLEDGE
		CONTRACTOR OF THE OWNER	NDFILL EMPLOYEES	
-	A CONTRACTOR OF	DATE:		AM/PM
(AA)	FACILITY RECEIVED AT (Check One):	DATE:	TIME IN: TIME OUT:	AM / PM
8:5 aci	Northern Delaware Basin Landfill		WASHOUT BY:	
: 4/23/2025 9:58:51 AM Disposal Facility	2029 W. NM Highway 128 Jal, New Mexico 88252		WASHOUT: TIME IN: _	TIME OUT:
202: OS	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A	NORM	Shake Out:	217201
1/23/	TCLP: PASS FAIL N/A	TESTING:	1 2 3	311194
	TOX: PASS FAIL N7A	(Less than 50	H ₂ O	
t 3	SERVICE NOTES: This is to certify that:	MCR)	received the above indicated weat	Gallon Test:
Received by OCD	Employee (Printed Name)			ste has passed all acceptances testing of this in an authorized manner at a permitted site.
ceiv	EMPLOYEE SIGNATURE:			
Re	White Copy: Disposal Facilit	y Yellow: Tran	sporter Pink: Generator	

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Page 21 of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill SB89 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com OMPANY MAN EMAIL: OMPANY MAN PHONE: OMPANY MAN PHONE: OMPANY MAN PHONE:
	COMPANY NAME: XIO DATE:
	LEASE: JKU 77 124 17 TB CC1139 25 1001 PHONE:
	AFE # 1 2025. 15645 API: 0301558562 QUANTITY: BBLS
	RIG NAME 121283169219 WELL #: 124 H 1 B 20 G YARDS
	STATE & COUNTY ORIGIN: LUCY TAUT 23052432
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
enerator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
era	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
ua	Rig Trash Pit Liners
Ŭ	Authorize Washout?
-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)
Part	RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
	Image: SDS Information Image: RCRA Hazardous Waste Analysis Image: Process Knowledge Image: Other (Provide Description Below) Image: EMERGENCY NON-OILFIELD: Image: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Image: Date Signature
-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
rte	COMPANY NAME: COMPANY NAME: COMPANY NAME: Company Compa
od	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: _/237
Transporter	DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: PHONE #:
1.1	The following statement must be signed by the truck driver <u>prior</u> to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART,1 ABOVE."
t2	DRIVER: Gilbert HARRell DRIVER'S SIGNATURE: Nulle Plant
Part	(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
-	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
AM	119125 11-76
9:58:51 Al	FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM TIME OUT: AM / PM
9:58:51 Facili	Northern Delaware Basin Landfill WASHOUT BY:
	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:
0CD: 4/23/2025 3 - Disposal	ACCEPTANCE TESTING: PAINT FILTER: PASS_FAIL_N/A TCLP: PASS_FAIL_N/A TOX: PASS_FAIL_N/A TOX: PASS_FAIL_N/A TOX: PASS_FAIL_N/A TOX: PASS_FAIL_N/A
3- OC	SERVICE NOTES: (// Gallon Test:
Received by Part	This is to certify that: Employee (Printed Name) has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
cei	EMPLOYEE SIGNATURE:
~	White Copy: Disposal Facility Yellow: Transporter Pink: Generator

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of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	COMPANY MAN (Authorized Agent's Printed Name and Title) SIGNATURE: COMPANY MAN EMAIL: COMPANY MAN PHONE:
	COMPANY NAME:	DATE:
	LEASE: JKU 1+1201 H 1 B CC.	<u>113925700</u> 1 PHONE:
	AFE # 2025.15/165 API: 03615	SASUZ QUANTITY: BBLS
	RIG NAME: AMP21128.269219 WELL #: -	TRUHTB 30 -
	STATE & COUNTY ORIGIN: Lacht Pall 212	3052932 YARDS
	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt
or	Water Based Cuttings (DRY) Water Based Cuttin	
enerator	Oil Based Cuttings (DRY)	(WET) Injectable Fluids Non-Injectable Fluids
au	Oil Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
d b		Authorize Washout? Yes No-
-		(A) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
art	is (Check the appropriate classification)	
Pa	RCRA EXEMPT: Oilfield wastes generated from oil and gas certifications on a per load basis only)	as exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous tha regulations 40 CEB 261 21 261 24 or liste	at does not exceed the minimum standards for waste hazardous by characteristics established in RCRA ed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation
	demonstrating the waste as non-hazardou	bus is attached. (Check the appropriate items as provided)
	SDS Information RCRA Hazard	rdous Waste Analysis 📄 Process Knowledge 📄 Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield w	waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous
	waste determination and a description of	
-		Date Signature
er	A ST ST	ANSPORTER WHILE THE GENERATOR IS PRESENT
ort	COMPANY NAME: <u>Send lex files</u>	YARD #:TRUCK #:
gg	ADDRESS:	
Transport	DATE TIME AM RECEIVED: RECEIVED: PM	DISPATCHER DISPATCHER NAME: PHONE #:
Ē	the following statement must be sight	ned by the truck driver prior to unloading at disposal facility:
2		D IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
Part	DRIVER: Carlbart HAndell (Driver's Name Printed)	DRIVER'S SIGNATURE: Aller Mainel
4	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIV	VEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
	TO BE COMPLE	ETED BY OWL LANDFILL EMPLOYEES
AM	FACILITY RECEIVED AT (Check One):	DATE: 21 25 TIME IN: 11-00 (AM)/PM
	Neuthern Deleurere Pasie Lendfill	TIME OUT: AM / PM
9:58:51 AA	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT BY:
0		WASHOUT: TIME IN: TIME OUT:
4/23/2025 (ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A	NORM Shake Out:
	TCLP: PASS FAIL N/A	TESTING: 1 2 3
0CD:-	TOX: PASS FAIL N/A	(Less than 50 S Callian Test
t 3	SERVICE NOTES: This is to certify that:	MCR) Gallon Test:
Part	Employee (Printed Name)	has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
Received by Part	EMPLOYEE SIGNATURE:	
Red	White Copy: Disposal Facility	y Yellow: Transporter Pink: Generator

f 221		
Page 23 of	DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212	COMPANY MAN: (Authorized Agent's Printed Name and Title) IGNATURE: OMPANY MAN EMAIL: OMPANY MAN PHONE:
	COMPANY NAME:	DATE: 2377 25
	LEASE:	
	AFE #: AFE #: API:	
	RIG NAME: TOUTINE WELL #:	YARDS
	STATE & COUNTY ORIGIN: Coldege Waste Description (check only one box) Image: Coldege	RCRA Exempt RCRA Non-Exempt
3		
4	Coll Based Cuttings (DRY)	
	Water Based Cuttings (DRY) Water Based Cuttings (W Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Oil Base Mud Water Base Mud Rig Trash Pit Liners	Muds w/Cement Tank Bottoms
C	Pit Liners Other:	Authorize Washout? 🔲 Yes 🔄 No
	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and t is (Check the appropriate classification)	the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
(C RCRA EXEMPT: Oilfield wastes generated from oil and gas explo certifications on a per load basis only)	pration and production operations and are not mixed with non-exempt waste (NDBL Accepts
	□ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does regulations, 40 CFR 261.21-261.24, or listed haza	s not exceed the minimum standards for waste hazardous by characteristics established in RCRA ardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation ttached. (Check the appropriate items as provided)
	SDS Information RCRA Hazardous W	
	waste determination and a description of that w	hat has been ordered by the Department of Public Safety (the order, documentation of non-hazardous vaste must accompany this form) Date Date Signature
	(Print) Authorized Agent's Name	vaste must accompany this form)
ortor 1	(Print) Authorized Agent's Name	ARD #: WHP #: TRUCK #: G?
chortor	(Print) Authorized Agent's Name	Juste must accompany this form)
ranchortor	waste determination and a description of that w (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPO O DE COMPLETED BY THE TRANSPO COMPANY NAME:	Date Signature ORTER WHILE THE GENERATOR IS PRESENT ARD #: WHP #: Yester CKET #: ROLL OFF BIN#: TRAILER #: B 22 ISPATCHER DISPATCHER AME: PHONE #:
- Trancnort	waste determination and a description of that w Waste determination and a description of that w (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPO COMPANY NAME: ADDRESS: THE DATE TIME RECEIVED: RECEIVED: The following statement must be signed by "I CERTIENT THAT NO OTHER MATERIAL HAS BEEN PLACED IN TO	vaste must accompany this form) Date Signature ORTER WHILE THE GENERATOR IS PRESENT ARD #: WHP #: Year Solution TRUCK #: GRET #: ROLL OFF BIN#: TRAILER #: BEPATCHER AME: PHONE #: y the truck driver prior to unloading at disposal facility:
- Trancnort	waste determination and a description of that w Waste determination and a description of that w IP INTERNATION OF THE TRANSPORT TO BE COMPLETED BY THE TRANSPORT COMPANY NAME: YA ADDRESS: YA DATE TIME RECEIVED: PM NA The following statement must be signed by "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN TO	vaste must accompany this form)
- Trancnort	waste determination and a description of that w Waste determination and a description of that w (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPO COMPANY NAME: YA ADDRESS: YA DATE TIME DATE TIME RECEIVED: PM NV The following statement must be signed by "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THE DRIVER: (Driver's Name Printed)	vaste must accompany this form) Date Signature ORTER WHILE THE GENERATOR IS PRESENT ARD #: WHP #: Year Solution TRUCK #: GRET #: ROLL OFF BIN#: TRAILER #: BEPATCHER AME: PHONE #: y the truck driver prior to unloading at disposal facility:
- Trancnort	waste determination and a description of that w Waste determination and a description of that w IPO BE COMPLETED BY THE TRANSPO TO BE COMPLETED BY THE TRANSPO COMPANY NAME:	Date Signature ORTER WHILE THE GENERATOR IS PRESENT ARD #: WHP #: Y UHP #: Y TRUCK #: OKET #: ROLL OFF BIN#: TRAILER #: DISPATCHER AME: PHONE #: Y the truck driver prior to unloading at disposal facility: HIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE:
tv Dart 2 - Transmort	waste determination and a description of that w Waste determination and a description of that w IP INTERPORT TO BE COMPLETED BY THE TRANSPORT COMPANY NAME:	ARD #:
tv Dart 2 - Transmort	waste determination and a description of that w Waste determination and a description of that w IP INTERPORT TO BE COMPLETED BY THE TRANSPORT COMPANY NAME:	vaste must accompany this form)
1:58:51 AM	waste determination and a description of that w Waste determination and a description of that w (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPORTED COMPANY NAME:	ARD #:
4/23/2025 9:58:51 AM ISDOSAI FACILITY	Waste determination and a description of that w IT IN INT PROVIDENTIAL P	vaste must accompany this form) Date Signature ORTER WHILE THE GENERATOR IS PRESENT ARD #: WHP #: ARD #: ROLL OFF BIN#: TRUCK #: 63 CKET #: ROLL OFF BIN#: ISPATCHER DISPATCHER AME: PHONE #: y the truck driver prior to unloading at disposal facility: HIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: WATHIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE BY OWL LANDFILL EMPLOYEES ATE: TIME IN: M THIS MANUFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE BY OWL LANDFILL EMPLOYEES ATE: TIME IN: WASHOUT BY: WASHOUT BY: WASHOUT: TIME IN: TIME OUT: TIME OUT: NORM Shake Out: 1 2 ATE: 1 H20 Shake Out: 1 2 BID BID
0CD: 4/23/2025 9:58:51 AM 5 - Disbosal Facility	Waste determination and a description of that w IT IN INTERPORT COMPANY NAME:	vaste must accompany this form)
4/23/2025 9:58:51 AM ISDOSAI FACILITY	Waste determination and a description of that w IT IN INTERPORT COMPANY NAME:	vaste must accompany this form) Date Signature ORTER WHILE THE GENERATOR IS PRESENT ARD #: WHP #: Yester CKET #: ROLL OFF BIN#: TRUCK #: 63 CKET #: ROLL OFF BIN#: TRUCK #: 63 ISPATCHER DISPATCHER DISPATCHER AME: PHONE #: PHONE #: y the truck driver prior to unloading at disposal facility: HIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: MARKINEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE BY OWL LANDFILL EMPLOYEES AM / PM TIME OUT: AM / PM WASHOUT BY: MARKINE MARKING AM / PM MARKING NORM Shake Out: 3 3 3 MORM H20 S Shake Out: 3 3 3

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PTUDE Authorize Washout? Yes No Increduction of the resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Otheric No Increduction on a per load basis only) RCRA NON-EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only) Increduction on a per load basis only) RCRA NON-EXEMPT: Oilfield waste spence of the appropriate lassification of a per load basis only) Increduction on a per load basis only) RCRA NON-EXEMPT: Oilfield waste spence of the appropriate lass as the deaptropriate lass as provided) Increduction on a per load basis only) RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR part 261, 21-261, 24, 01-261, 24, 01-261, 24, 01-261, 24, 01-261, 26,
Is (Check the appropriate classification) Is (Check the appropriate classificatio
Certifications on a per load basis only) Company <
RCRA NON-EXEMPT: Oilfield waste which is non-hazardous BCRA NON-EXEMPT: Oilfield waste which is non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) BCRA NON-EXEMPT: Oilfield waste which is non-hazardous is attached. (Check the appropriate items as provided) BCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below) BCRA Hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name
demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below) Emergency non-hazardous, non-olifield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form) Print) Authorized Agent's Name Date Signature COMPANY NAME: YATE YARD #: YARD #: YARD #: YARD #: TRUCK #: Date TRUCK #: Date TRUCK #: TRUCK #: Date TRUCK #: TRUCK #: TRUCK #: TRUCK #: Date TRUCK #: TRUCK
waste determination and a description of that waste must accompany this form) [Print) Authorized Agent's Name
TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: YARD #: WHP #: YARD #: GOMPANY NAME:
COMPANY NAME: Sta Ta Aca YARD #: WHP #: Sta Ta Aca YARD #: WHP #: Sta Ta Aca YARD #: TRUCK #: 63 ADDRESS:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: DRIVER'S SIGNATURE:
(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
FACILITY RECEIVED AT (Check One): DATE: TIME IN: TIME OUT
FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM Image: Display the image
WASHOUT: TIME IN: TIME OUT:
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A
TCLP: PASS FAIL N/A TESTING: 1 2 3
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A TOX: PASS FAIL N/A TESTING: H20 SERVICE NOTES: Gallon Test:
SERVICE NOTES: This is to certify that:
SERVICE NOTES: Gallon Test: Gallon Test: Gallon Test: S

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Page 25 of 221	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com OMPANY MAN EMAIL: COMPANY MAN EMAIL: COMPANY MAN PHONE: COMPANY MAN PHO
Part 1 - Generator	Authorize Washout? Yes No Ihereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Olifield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Olifield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous Waste Analysis Process Knowledge Other (Provide Description Below) EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste must accompany this form) Date Signature
Part 2 - Transporter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: YARD #: WHP #: YARD #: TRUCK #: Gamma ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: Gamma Gamma DATE TIME AM DISPATCHER DISPATCHER DISPATCHER DATE RECEIVED: PM NAME: PHONE #:
Received by OCD: 4/23/2025 9:58:51 AM	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM Image: Shake Out: Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY: WASHOUT BY: WASHOUT: TIME IN: TIME OUT: TIME OUT:<
Receiv	White Copy: Disposal Facility Yellow: Transporter Pink: Generator

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Page 26 of		OWL Landfill Services, LL	COMPANY MAN: Han ich MANIFEST #
ape	Norther	DBA: Northern Delaware Basin Landfill	(Authorized Agent's Printed Name and Title)
	Nor	3889 Maple Ave. Suite 300 Dallas, TX 75219	SIGNATURE: 0417886
	1	505.231.1212	
		ar@ndblandfill.com	
		COMPANY NAME: VT9	DATE: 4 / 9 / 25
		LEASE: MARIN 436155 45 62 16 4 64	1-122052932 PHONE:
		AFE #: Color Turs 15165 API: In the	AIA (12 Y 2878 M 1 QUANTITY: BBLS
			*: <u>CC 1139251001</u> Bally 20 VARDS
		STATE & COUNTY ORIGIN:	
	10	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt
	enerator	Water Based Cuttings (DRY)	
	era	Oil Based Cuttings (DRY) Oil Based Cuttings (DRY) Oil Based Cuttings (DRY)	
	Sug	Oil Base Mud Oil Base Mud Oil Base Mud D Rig Trash D Pit Liners	
	Ğ	Other:	Authorize Washout? 🔲 Yes 🗹 No
	-	I hereby certify that according to the Resource Conservation and Recovery Act is (Check the appropriate classification)	RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
	art	Oilfield wastes generated from oil at certifications on a per load basis onl	gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
	Ρ	- RCRA NON EXEMPT: Oilfeld warte which is pop-bazardo	that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA
		regulations, 40 CFR 261.21-261.24, o demonstrating the waste as non-ha	listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation ardous is attached. (Check the appropriate items as provided)
		SDS Information RCRA H	azardous Waste Analysis 🛛 Process Knowledge 🔂 Other (Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilf	eld waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous n of that waste must accompany this form)
		(Print) Authorized Agent's Name	
	-		
	La la		TRANSPORTER WHILE THE GENERATOR IS PRESENT
	orte	COMPANY NAME: Som Tex Mes	
	spo	ADDRESS: AM	DISPATCHER DISPATCHER
	Transporter	RECEIVED: RECEIVED: PM	NAME: PHONE #:
	11-	The following statement must be	igned by the truck driver <u>prior</u> to unloading at disposal facility: CED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
	2		DRIVER'S SIGNATURE:
	Part	(Deluce's Name Brinted)	
	4		I GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
	-	TO BE CO	IPLETED BY OWL LANDFILL EMPLOYEES
И	ty	FACILITY RECEIVED AT (Check One):	DATE: AM PM
1 AM	Facility	Northern Delaware Basin Landfill	WASHOUT BY:
58:51 AM	Fa		
5 9:58:51 AM		2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT: TIME IN: TIME OUT:
/2025 9:58:51 AM	Sa		
4/23/2025 9:58:51 AM	sposa	ACCEPTANCE TESTING: PAINT FILTER: PASS_ FAIL N/	NORM Shake Out:
CD: 4/23/2025 9:58:51 AM	Disposal		NORM TESTING: H ₂ O H ₂ O Shake Out: J J J J J J J J J J J J J
v OCD: 4/23/2025 9:58:51 AM	3 - Disposa	ACCEPTANCE TESTING: PAINT FILTER: PASS_FAIL_N/ TCLP: PASS FAIL_N/ TOX: PASS FAIL_N/ SERVICE NOTES:	NORM TESTING: 1 2 3 MCR) H ₂ O S Gallon Test:
ed by OCD: 4/23/2025 9:58:51 AM	art 3 - Disposa	ACCEPTANCE TESTING: PAINT FILTER: PASS_ FAIL N/ TCLP: PASS FAIL N/ TOX: PASS FAIL N/	NORM TESTING: (Less than 50 MCR)
Received by OCD: 4/23/2025 9:58:51 AM	Part 3 - Disposa	ACCEPTANCE TESTING: PAINT FILTER: PASS_ FAIL N/ TCLP: PASS FAIL N/ TOX: PASS FAIL N/ SERVICE NOTES:	NORM TESTING: (Less than 50 MCR) MCR) H ₂ O S Less than 50 MCR) H ₂ O S H ₂

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Dage 27 of	Norther	Dela Ware Bassing Bassing the Ware Bassing Bassing fremier East Ware Market	Landfill Services, DBA: Northern Delaware Basin Landfil 89 Maple Ave. Suite 3 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	1	and the second	EMAIL: _	KAL / Let _ ed Agent's Printed Name ar	Manufacture and and	MANIFEST # 0417887
		COMPANY NAME:		-	<		DATE:	9191	
		LEASE: freshit with	C155Y5 h21	lecil ty	FALLAN230	521.32	PHONE:		
		AFE #:	151-65 API: In	i.tent.t	VAC124283	59-10	QUANTITY:		BBLS
		RIG NAME:	124 HTB W	VELL #:	L' 1139251		Beily,	2.	YARDS
		STATE & COUNTY ORIGI	N: Caldy						
		Waste Description (che	ck only one box)		RCRA Exer	mpt		RCRA Non-E	xempt
	or	Water Based Cuttings (DI	A REAL PROPERTY AND A REAL	sed Cuttings	(WET)	00	ntaminated Soil		oduced Sands
	enerator	Oil Based Cuttings (DRY)		A CARLON DA ANA	/ET)		ectable Fluids		on-Injectable Fluids
	ne	Oil Base Mud	U Water Ba			D Mu	uds w/Cement	L Ta	nk Bottoms
	Ge	Rig Trash	Pit Liners			Autho	orize Washout?	🗖 Yes	No
	-	Other: Ihereby certify that according to the	Resource Conservation and Recove	ery Act (RCRA) a	and the US Environme	ental Protec	ction Agency's July 1988	regulatory determinat	tion, the above described waste load
	art	is (Check the appropriate classificatio							
	Pa	RCRA EXEMPT:	certifications on a per load bas	sis only)					
		RCRA NON-EXEMPT:	Oilfield waste which is non-ha regulations, 40 CFR 261.21-26	1.24, or listed h	hazardous waste as	defined by	y 40 CFR, part 261, subp	bart D, as amended.	ristics established in RCRA The following documentation
			demonstrating the waste as n	on-hazardous	is attached. (Check	the approp	priate items as provide	d) Other (Provide D	
					us Waste Analysis				
		EMERGENCY NON-OILFIELD:	Emergency non-hazardous, no waste determination and a de	on-oilfield was	ste that has been or hat waste must acco	dered by the mpany this sector the sector of	he Department of Publ s form)	ic Safety (the order, o	documentation of non-hazardous
		(Print) Authorized Agent's Name					Signature		
	and		TO BE COMPLETED BY		ISPORTER WHI	ETHE	SENERATOR IS PR	ESENT	
	er	COMPANY NAME:			YARD #:				TRUCK #:
	ort	ADDRESS:			TICKET #:		ROLL OFF B	IN#:	TRAILER #: <u>232</u>
	sp	DATE		AM	DISPATCHER				
	Transporte	DATE RECEIVED: F		AM PM	NAME:			PHONE #	HER *
	<u>u -</u>	The	following statement mus HER MATERIAL HAS BEEI	st be signed	d by the truck d	river pri	or to unloading at	disposal facility	/: ED IN PART 1 ABOVE."
	t 2	DRIVER:							
	Part		(Deixagle Magao Deixtod)						
	-	I, (TRANSPORTER),	CERTIFY THAT THE INFORM	AND DESCRIPTION		Colore 1	Station of the second	E TO THE BEST OF	MITRNOWLEDGE
			TO B	E COMPLET	TED BY OWL LA	. 1/		115)
VV V	ty	FACILITY RECEIVED AT (Cheo	:k One):		DATE:	410	TIME IN:	 IT:	AM / PM /
2.0	Facility	Northern Delaware Ba	sin Landfill			MAC	HOUT BY:		
0.5	Fa		128 Jal, New Mexico 8	8252					_ TIME OUT:
2000	Disposal					and the second			
1201	od	ACCEPTANCE TESTING: PA			NORM TESTING:		Shake Out:	3	HISE?
	Dis		ILP: PASS FAIL X: PASS FAIL	and the second se	D D	н,0		<u> </u>	1 1 8 2)
50	3-1	SERVICE NOTES:	(A		(Less than 50 MCR)	s			Gallon Test:
1 4	t	This is to certify that:	Employee (Printe	ed Name)		nas receive	d the above indicated w	aste, waste has passe	ed all acceptances testing of this
	Part		LI DIA		~ '	acility and	i the waste has been disp	osea or in an authori	zed manner at a permitted site.
Damined In OCD: 4/22/2025 0:58:51 AM	Verd	EMPLOYEE SIGNATURE:	White Copy: Dispo	sal Facility	Yellow: Tra	nsporte	r Pink: Genera	ator	
			The second se			Sector Sector Sector			

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of	Non Northa	388	Landfill Ser BA: Northern Delaware B 9 Maple Ave. Dallas, TX 75 505.231.12 ar@ndblandfi	Basin Landfill Suite 300 5219 212	SIGNATURE: _	N: <u>Keyn T. Re</u> (Authorized Agent's Printed Name a N EMAIL: N PHONE:	7 Z and Title)	MANIFEST # 0383425
		Premier EBP No.	Charles Andrew	and the set of the set	V+O	/1	2 91	
		COMPANY NAME:	TELHIJT	HACK	XIO	DATE:	9-25	2
		LEASE: TRUMIO	14HTE	5		PHONE:		
		AFE # EN. 2025.15	5665 APT	fored:	03 5155 85	62 QUANTITY:		BBLS
		RIGNAMEscidentint	4PP1428	369 WELL #:	CC:1139	1251601	6	
		STATE & COUNTY ORIGIN	E . las	FAPP21	130529	32		YARDS
		Waste Description (check	k only one box	:)	RCRA Exe	empt 🗌	RCRA Non-E	xempt
	D	Water Based Cuttings (DR)	Y) 🗖 1	Water Based Cutti	ngs (WET)	Contaminated Soil	🗖 Pi	roduced Sands
	enerator	Oil Based Cuttings (DRY)		Oil Based Cuttings	(WET)	Injectable Fluids		on-Injectable Fluids
	ne	Oil Base Mud		Water Base Mud		Muds w/Cement	🗆 Ta	ank Bottoms
	9	Rig Trash	L 1	Pit Liners		Authorize Washout?	T Yes	No
	-	Other: Ihereby certify that according to the Re	source Conservation	and Recovery Act (RCE	(A) and the US Environm			
	art	is (Check the appropriate classification)						
	Pa		Oilfield wastes gene certifications on a pe		as exploration and pro	oduction operations and are not m	lixed with non-exem	pt waste (NDBL Accepts
			regulations, 40 CFR 2	261.21-261.24, or list	ed hazardous waste a	e minimum standards for waste ha s defined by 40 CFR, part 261, subj	part D, as amended.	
			demonstrating the w		ous is attached. (Checl rdous Waste Analysis	the appropriate items as provide Process Knowledge	d) Other (Provide D	rescription Below)
		all and the second s	Contraction of the second					
					waste that has been o f that waste must acco	rdered by the Department of Publ ompany this form)	ic Safety (the order,	documentation of non-hazardous
		(Print) Authorized Agent's Name			Date	Signature		
			TO BE COMPLE	TED BY THE TR	ANSPORTER WH	ILE THE GENERATOR IS PR	ESENT	
	ter I	COMPANY NAME: Sent	TeXXX	eX	YARD #:	WHP #:		TRUCK #: 39
	2	ADDRESS:				ROLL OFF B		
	dsu	DATE TIM	ME	AM			DICDATCI	150
	Iranspo	RECEIVED: RE		D PM	NAME: VV	illy Wieler		432.209.085
	1	The fo I CERTIFY THAT NO OTHE				driver prior to unloading at SINCE LOADING OF MATI		
-	17	_	Reime			DRIVER'S SIGNATURE:	12 11	Drups
	Part		(Driver's Name Pri	nted)	THE REAL PROPERTY.			
		I, (TRANSPORTER), CI	ERTIFY THAT THE	INFORMATION GI	VEN ON THIS MAN	IFEST IS TRUE AND ACCURATI	E TO THE BEST OF	MY KNOWLEDGE
				TO BE COMPL	ETED BY OWL LA	ANDFILL EMPLOYEES		
1M	2	FACILITY RECEIVED AT (Check	One):		DATE:	TIME IN:		AM / PM
9:58:51 AM	Facility	Northern Delaware Basir	n Landfill				T:	AM / PM
58:	La	2029 W. NM Highway 12		exico 88252		WASHOUT BY:		
5.9.						WASHOUT: TIME	E IN:	_ TIME OUT:
/202	uisposai	ACCEPTANCE TESTING: PAIN	T FILTER: PASS	FAIL N/A	NORM	Shake Out:	11	7211
1/23	ISP	TCLP			TESTING:	1 2	3	TTIM
D: Y	2	TOX:	PASS	FAIL N/A	(Less than 50	H ₂ O		the state of the s
00	\mathbf{n}	SERVICE NOTES:			MCR)	5		Gallon Test:
l by	Fart	This is to certify that:	Employ	ee (Printed Name)		has received the above indicated wa facility and the waste has been dispo		d all acceptances testing of this red manner at a permitted site.
ivea	2	EMPLOYEE SIGNATURE:						
Received by OCD: 4/23/2025			White Copy	: Disposal Facilit	y Yellow: Tra	nsporter Pink: Genera	tor	AM / PM AM / PM TIME OUT: ATTIME OUT: ATTIME Gallon Test: d all acceptances testing of this ted manner at a permitted site.
-								

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Page 29 of	Norther	OWL Landfill Services, LL DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	
		COMPANY NAME: RUH124HTB	DATE: <u></u>
		AFE #: EN1. 2025.15665 Appiect:	03C1558562 QUANTITY: BBLS
		RIG NAMErident: NAPP2 42836921 WELL	#: C:1139251001 90 A VADDS
		STATE & COUNTY ORIGIN: FACILITY: FAPP2	12 30 5 2 9 3 2
	-	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt
	ato	Water Based Cuttings (DRY) Water Based C Oil Based Cuttings (DRY) Oil Based Cuttings (DRY)	
	era	☐ Oil Base Mud	
	Generator	Rig Trash Dit Liners	Authorize Washout? 🔲 Yes 🛛 No
	-	Other: I hereby certify that according to the Resource Conservation and Recovery Act	(RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
	art	is (Check the appropriate classification)	nd gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
	à	certifications on a per load basis onl RCRA NON-EXEMPT: Oilfield waste which is non-hazardo	us that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA
		regulations 40 CEB 261,21-261,24, g	or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation zardous is attached. (Check the appropriate items as provided)
		D SDS Information CRCRA H	Hazardous Waste Analysis 🔲 Process Knowledge 🔲 Other (Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilf waste determination and a descript	field waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ion of that waste must accompany this form)
			Date Signature
		TO BE COMPLETED BY THE	E TRANSPORTER WHILE THE GENERATOR IS PRESENT
	ter	COMPANY NAME: Sem tex Mex	YARD #:WHP #:TRUCK #:79
	200	ADDRESS:	TICKET # BOLL OFF BIN#: TRAILER #: USUY
	Transport	DATE TIME AM RECEIVED: PM	DISPATCHER / DISPATCHER
	LL.	The following statement must be	signed by the truck driver <u>prior</u> to unloading at disposal facility: ACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
	ť 2	C P ·	DRIVER'S SIGNATURE: baa Juion
	Part	(Driverte Marco Drinted)	ON GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
			MPLETED BY OWLLANDELL EMPLOYEES
N		NUMBER OF THE OWNER OWNER OWNER O	DATE 9 12 1 TIME IN: 11.17 AM/RM
SI A	lity	FACILITY RECEIVED AT (Check One):	
9:58:51 AM	Facility	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252	2 WASHOUT BY: TIME IN: TIME OUT:
	sal		
23/2(- Disposal	ACCEPTANCE TESTING: PAINT FILTER: PASS_ FAIL N/ TCLP: PASS FAIL -N/	A NORM Shake Out: TESTING: 1 2 3 2/7720
D: 4/	Dis	TOX: PASS FAIL N	
, 0C	3	SERVICE NOTES:	(Less than 50 S Gallon Test:
Received by OCD: 4/23/2025	Part	This is to certify that: Employee (Printed Nar	me) has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
ceive	4	EMPLOYEE SIGNATURE:	
Re		White Copy: Disposal F	acility Yellow: Transporter Pink: Generator

Page 30 of 22.	ton Northe	DBA: North 3889 Ma Dall 50	dfill Services, LLC ern Delaware Basin Landfill ple Ave. Suite 300 as, TX 75219 5.231.1212 dblandfill.com		(Authorized Agent's Printed Name and T	<u>72</u> MANIFEST # 0399602	
		COMPANY NAME: X	HTR		DATE:7	- 25	
		LEASE: JR 0 H 124 AFE #: F-11. 2025. 1566	5 APIDiect: 030	C 155856	PHONE:	BBLS	7
		RIGNAMECIDENTENAP	P2428369214	CC: 1139	251001		
		STATE & COUNTY ORIGIN Fac	lity: FAPP212	1305293.	2	<u> </u>	
		Waste Description (check only		RCRA Exer	the second se	RCRA Non-Exempt	
	tor	Water Based Cuttings (DRY)	Water Based Cuttin	7.4.4.4.4.4.4.4	Contaminated Soil	Produced Sands	
	era	Oil Based Cuttings (DRY)	 Oil Based Cuttings Water Base Mud 	(WET)	Injectable Fluids Muds w/Cement	Non-Injectable Fluids Tank Bottoms	
	Generator	Rig Trash	Pit Liners				
2	1	Other:	Concernation and Persuant Act (PCP	A) and the US Environmy	Authorize Washout?	Ves No	load
	art 1	is (Check the appropriate classification)				with non-exempt waste (NDBL Accepts	load
	Pa	certifica	tions on a per load basis only)				
		regulati	ons, 40 CFR 261.21-261.24, or liste	ed hazardous waste as o	defined by 40 CFR, part 261, subpart	dous by characteristics established in RCRA D, as amended. The following documentation	
				dous Waste Analysis	the appropriate items as provided) Process Knowledge	Other (Provide Description Below)	
		EMERGENCY NON-OILFIELD: Emerge	ncy non-hazardous, non-oilfield v	vaste that has been or	dered by the Department of Public Sa	afety (the order, documentation of non-hazardc	ous
		waste d	etermination and a description of	that waste must accor	mpany this form)		
1		(Print) Authorized Agent's Name		Date	Signature		
	ter	C	E COMPLETED BY THE TRA		E THE GENERATOR IS PRES	TRUCK #: 39	
		COMPANY NAME: <u>en / e</u> ADDRESS:	AMER	_ YARD #: TICKET #:	WHP #: ROLL OFF BIN#	TRAILER #: <u>0309</u>	7
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	art 2 - '	The followin "I CERTIFY THAT NO OTHER MA DRIVER: CORDY Reit	D: PM mg statement must be sign TERIAL HAS BEEN PLACED	NAME: <u>1</u> /// ed by the truck du D IN THIS VESSEL :	river prior to unloading at di	sposal facility:	
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51 AM	y Part	The followin "I CERTIFY THAT NO OTHER MA DRIVER: Corny Rei (Drive I, (TRANSPORTER), CERTIFY FACILITY RECEIVED AT (Check One): Northern Delaware Basin Land	D: PM ng statement must be sign TERIAL HAS BEEN PLACEE PUT C C er's Name Printed) THAT THE INFORMATION GIN TO BE COMPLI dfill	NAME: <u>////</u> ed by the truck do D IN THIS VESSEL : D VEN ON THIS MANII ETED BY OWL LAI	river prior to unloading at di SINCE LOADING OF MATERI DRIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO NDFILL EMPLOYEES TIME IN: TIME OUT: .	sposal facility: AL DESCRIBED IN PART 1 ABOVE."	
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0: 4/23/2025 9:5	Disposal Facility Part	The followin "I CERTIFY THAT NO OTHER MAY DRIVER: <u>Corny</u> <u>Rein</u> (Drive <i>I, (TRANSPORTER), CERTIFY</i> FACILITY RECEIVED AT (Check One): Northern Delaware Basin Land 2029 W. NM Highway 128 Jal ACCEPTANCE TESTING: PAINT FILTH TCLP: TOX: SERVICE NOTES: This is to certify that: EMPLOYEE SIGNATURE:	D: PM Ing statement must be sign TERIAL HAS BEEN PLACEE THAT THE INFORMATION GIN TO BE COMPLI dfill , New Mexico 88252 ER: PASS_FAIL N/A PASS FAIL N/A PASS FAIL N/A	NAME: <u>1/V/</u> ded by the truck di D IN THIS VESSEL : D VEN ON THIS MANII ETED BY OWL LAI DATE DATE (Less than 50 MCR) he fa	river prior to unloading at di SINCE LOADING OF MATERI ORIVER'S SIGNATURE:	ALDESCRIBED IN PART 1 ABOVE." ALDESCRIBED IN PART 1 ABOVE." DTHE BEST OF MY KNOWLEDGE AM/PM AM/PM AM/PM I: TIME OUT: Gallon Test: Waste has passed all acceptances testing of this fof in an authorized manner at a permitted site.	

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Northered of U	COMPANY MAN EMAIL: Software and fills are consistent and fill Software Basin Landfill Services, LLC DBA: Northern Delaware Basin Landfill Software Ba
Part 1 - Generator	COMPANY NAME: PIO LEASE: RU H 124 H T B LEASE: RU H 124 H T B AFE #: PHONE: PHONE: PHONE: QUANTITY: BBLS STATE & COUNTY ORIGIN: Actin ty (FAPP) 438 367 305 20 43 20 STATE & COUNTY ORIGIN: Actin ty (FAPP) 438 367 305 20 43 20 Vaste Description (check only one box) RCRA Exempt RIG NAME: Produced Sands Water Based Cuttings (DRY) Water Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Infertige Knop Water Base Mud Muds w/Cement Infertige Knop Muthorize Washout? Yes Infertige Knop Olifield waste generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certiffcations on a per load basis
Part 2 - Transporter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Sentex Mex YARD #: WHP #: TRUCK #: 39 ADDRESS:
Part 3 - Disposal Facility	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE:

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Page 32 of .	Solarids, TX 75219 Solarids, TX 75219
	COMPANY NAME: X / O DATE: 4 - 7 - 25
	LEASE: <u>JRUH124HTB</u> PHONE:
	AFE #: EVI. 2025.15665, Repsiect: 03 (1558562 QUANTITY: BBLS
	RIG NAME: dent: pAPP29283692 WELL #CC:1139251001 20
	YARDS
	STATE & COUNTY ORIGIN
-	Waste Description (check only one box)
Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
era	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
ne	Image: Oil Base Mud Image: Water Base Mud Image: Muds w/Cement Image: Tank Bottoms Image: Water Base Mud Image: Pit Liners Image: Pit Liners
5	Other: Authorize Washout? Yes No
-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
art	is (Check the appropriate classification)
Pa	ACRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA
	regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
	🗖 SDS Information 🛛 🗆 RCRA Hazardous Waste Analysis 📄 Process Knowledge 📄 Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous
	waste determination and a description of that waste must accompany this form)
	(Print) Authorized Agent's Name Date Signature
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME: Sentex Alex yard #: WHP #: TRUCK #: 39
or	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: O S O S
sp	
Transpor	Date Time I am Dispatcher Dispatcher RECEIVED: RECEIVED: PM NAME: $\underline{Milly Nielet}$ PHONE #: $\underline{932} \cdot \underline{309}$
E.	The following statement must be signed by the truck driver <u>prior</u> to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
N	
Part	DRIVER: CORNY Reimer (Driver's Name Printed) DRIVER'S SIGNATURE: Coald Reimer
d.	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
-	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
* >	FACILITY RECEIVED AT (Check One): DATE: 1992 TIME IN: 4.4
AM lity	FACILITY RECEIVED AT (Check One): DATE: Image: Comparison of the second
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	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:
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4/23/2025 9 Jisposal	ACCEPTANCE TESTING: PAINT FILTER: PASS_FAIL N/A NORM Shake Out:
0is	TCLP: PASS FAIL N/A TESTING: 1 2 3 3 78 78 7
	(Less than 50 S Callen Test
t 3	This is to certify that:
	Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site.
alla	
Received by OCD Part 3 -	EMPLOYEE SIGNATURE:

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Page 33 of	3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212	MPANY MAN. <u>Authorized Agent's Printed Name and Title</u>) NATURE:
	COMPANY NAME: YTO	DATE: <u>4-11-37</u>
	LEASE: JRU HP 7134H TR	
	AFE #: FW-7075-15665 API:	QUANTITY: BBLS
	RIG NAME: Pro. # 030357517 WELL #: [ATP]	21730-519757 DE VADOS
	STATE & COUNTY ORIGIN: 2287242836727 ~ 1/39281	USI YARDS
		RCRA Exempt RCRA Non-Exempt
or	Water Based Cuttings (DRY) Water Based Cuttings (WE	T) Contaminated Soil Produced Sands
enerator	Oil Based Cuttings (DRY)	Injectable Fluids Non-Injectable Fluids
ne	Oil Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
g		Authorize Washout? 🔲 Yes 🔲 No
-	Other: I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the	
art		ation and production operations and are not mixed with non-exempt waste (NDBL Accepts
Pa	certifications on a per load basis only)	
		ot exceed the minimum standards for waste hazardous by characteristics established in RCRA dous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation
	demonstrating the waste as non-hazardous is atta	
	SDS Information RCRA Hazardous Was	ste Analysis 🔲 Process Knowledge 🔲 Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste tha waste determination and a description of that was	It has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ste must accompany this form)
	(Print) Authorized Agent's Name	
1000		RTER WHILE THE GENERATOR IS PRESENT
er		
To	ADDRESS:TIC	RD #:
sp	DATE TIME DAM DIS	
Transporter	DATE TIME AM DIS RECEIVED: PM NAM	PATCHER DISPATCHER ME: PHONE #:
F	The following statement must be signed by t	the truck driver <u>prior</u> to unloading at disposal facility: IIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
5	a second se	12
Part		DRIVER'S SIGNATURE:
-	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON	THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
	TO BE COMPLETED B	BY OWL LANDFILL EMPLOYEES
ty	FACILITY RECEIVED AT (Check One): DAT	THE IN: 12 56 AM /PM
9:58:51 Al	Northern Delaware Basin Landfill	TIME OUT: AM / PM
		WASHOUT BY:
025 Sal		WASHOUT. INVENT. INVECT.
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0CD: 4/23/2025 3 - Disposal	TCLP: PASS FAIL N/A TE TOX: PASS FAIL N/A	H 0 H 0 H 0 H 0 H 0 H 0 H 0 H 0 H 0 H 0
-10		H ₂ O ss than 50 S Gallon Test:
t 3		MCR) Gallon Test
Received by Part	Employee (Printed Name)	facility and the waste has been disposed of in an authorized manner at a permitted site.
scei	EMPLOYEE SIGNATURE:	
~	White Copy: Disposal Facility Y	/ellow: Transporter Pink: Generator

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Page 34 of	Morthern	AN ATO BOY OF A CONTRACT OF A
	-6	OMPANY NAME: XTO DATE: 4-8-25
		- PU & DUNE
	T	API: QUANTITY: BBLS
		IG NAME: 2428769219 WELL #: 20 YARDS
		DCDA Non Event
	-	Waste Description (check only one box)
	enerator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
	era	☐ Oil Base Mud
	en	□ Rig Trash □ Pit Liners Authorize Washout? □ Yes ☑ No
	9	Authorize Washouti Lites Lite
	-	Utner:
	art	is (Check the appropriate classification) RCRA EXEMPT: Olifield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
	4	the descent the minimum standards for waste hazardous by characteristics established in RCRA
		regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subject 0, as an ended. The twisting definition of tw
		🗆 SDS Information 🛛 🗆 RCRA Hazardous Waste Analysis 📄 Process Knowledge 📄 Other (Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Date Date Signature Signatu
		Print) Authorized Agent's Name Date Signature
	er	Print) Authorized Agent's Name Date Signature Signature Signature COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
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58:51 AM	Part 2 -	Print Authorized Agent's Name Date Signature Print Authorized Agent's Name Date Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPANY NAME: Signature March YARD #: Colspan="2">TRUCK #: ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: DATE AM DISPATCHER DISPATCHER PHONE #: PM NAME: PHONE #: PHONE #: The following statement must be signed by the truck driver prior to unloading at disposal facility: The following statement must be signed by the truck driver prior to unloading at disposal facility: The following statement must be signed by the truck driver prior to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER'S SIGNATURE: Convert DRIVER' Converts' Name Printed! DRIVER'S SIGNATURE: Converts' Name Printed! AM / PM I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM
5 9:58:51 AM	Facility Part 2 -	Printl Authorized Agent's Name Date Signature Signature OBE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPANY NAME: Signature OBE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPANY NAME: COMPANY NAME: COMPANY NAME: COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPLETED BY OWL CALL OFF BIN#: TRAILER #: COMPLETED BY OWL LANDFILL EMPLOYEES ORIVER'S SIGNATURE: COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN:
/2025 9:58:51 AM	Facility Part 2 -	Printy Authorized Agent's Name
4/23/2025 9:58:51 AM	Facility Part 2 -	waste determination and a description of that waste must accompany this nonity print Authorized Agent's Name Date Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Signature COMPANY NAME: Tay May YARD #: TRUCK #: ADDRESS: TIKE DATE PHONE #: TRAILER #: DISPATCHER DATE PHONE #: The following statement must be signed by the truck driver prior to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE?" DRIVER: Carrier (Driver's Name Printed) Interver's SIGNATURE: I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM TIME OUT: AM / PM 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out: Shake Out: Shake Out:<
D: 4/23/2025 9:58:51 AM	Facility Part 2 -	Print Authorized Agent's Name Date Signature Print Authorized Agent's Name Date Signature COMPANY NAME: Some Tax May YARD #: 20 WHP #: TRUCK #: CC COMPANY NAME: Some Tax May YARD #: 20 WHP #: TRUCK #: CC ADDRESS:
OCD: 4/23/2025 9:58:51 AM	- Disposal Facility Part 2 -	Print? Authonized AgentS Name
d by OCD: 4/23/2025 9:58:51 AM	3 - Disposal Facility Part 2 -	waste determination and a description of that waste must accompany unstorm Printly Authorized Agent's Name Date Signature Printly Authorized Agent's Name Date Signature COMPANY NAME: Signature COMPANY NAME:
Received by OCD: 4/23/2025 9:58:51 AM	- Disposal Facility Part 2 -	Print? Authonized AgentS Name

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Page 35 of	505.231.1212 ar@ndblandfill.com		
Generator	COMPANY NAME: XTO DATE: 4/11.05 LEASE: JRU # 104/A TB PHONE:		
	AFE #: EVP 2025.15665 API: BBLS		
	RIG NAME: 10 # 03/1553567 WELL #: (188212305293)		
	STATE & COUNTY ORIGIN: 1488 2478367219 CE 1179751001		
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt		
	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands Oll Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids		
era	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms		
ene			
Ğ	Authorize washout?		
11	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)		
Part	Construction operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)		
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)		
	SDS Information 🛛 RCRA Hazardous Waste Analysis 📄 Process Knowledge 📄 Other (Provide Description Below)		
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)		
	(Print) Authorized Agent's Name Date Date Signature		
-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT		
ter	COMPANY NAME: SCALLES FILLS FILLS FILLS		
OC	ADDRESS: TRAILER #: ROLL OFF BIN#: TRAILER #:		
Transpor	DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: PHONE #:		
Tra	The following statement must be signed by the truck driver prior to unloading at disposal facility:		
2.	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART TABOVE.		
Part	DRIVER: Cornels Rempel DRIVER'S SIGNATURE:		
0	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE		
-	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES		
P:58:51 AM Facility	FACILITY RECEIVED AT (Check One): DATE: 4-11-25 TIME IN: 253 AM / PM TIME OUT:		
	Image: Northern Delaware Basin Landfill WASHOUT BY:		
	WIDHOON / MAL		
v OCD: 4/23/2025	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING: Shake Out: TCLP: PASS FAIL N/A TESTING: 1 2 3		
	TOX: PASS FAIL N/A H ₂ O H ₂ O College Test		
	SERVICE NOTES:		
Received by	This is to certify that: Employee (Printed Name) It is received the doore indicate indice indicate indicate indice indicate indice indicate indice indicate indice indicate indice indicate indicate indice indicate indice indicate indice indicate indice indicate indice indicate indice indice indicate indice indice indicate indice indicate indice indice indice indice indicate indice indindice indindice indice indindice indice indice indindi		
Cerv	EMPLOYEE SIGNATURE:		
Re	White Copy: Disposal Facility Yellow: Transporter Pink: Generator		

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Page 36 of 2	3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	COMPANY MAN: <u>A C. H. K. H. C.</u> (Authorized Agent's Printed Name and Title) DIGNATURE: <u>575.986</u> COMPANY MAN EMAIL: <u>575.986</u> COMPANY MAN PHONE: <u>1489</u>	
	COMPANY NAME: X7 O		
	LEASE: JRU #174HT3		
	AFE #: 50 2035 15665 API:	QUANTITY: BBLS	
	RIG NAME: 20 + 032/55567 WELL #: 427	21200000	
	STATE & COUNTY ORIGIN: 4/172738367219 2011/39251	YARUS	
	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt	
or	Water Based Cuttings (DRY) Water Based Cuttings (N	VET) Contaminated Soil Produced Sands	
Lat	Oil Based Cuttings (DRY)		
ne	Oil Base Mud Water Base Mud	Muds w/Cement Tank Bottoms	
Generator	Rig Trash Other:	Authorize Washout? 🔲 Yes 🔲 No	
-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and	I the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load	
Part	is (Check the appropriate classification)	loration and production operations and are not mixed with non-exempt waste (NDBL Accepts	
Pa	Oilfield wastes generated from oil and gas exp certifications on a per load basis only)	toration and production operations and are not mixed with non-exempt waste (work Accepts	
	regulations, 40 CFR 261.21-261.24, or listed haz	es not exceed the minimum standards for waste hazardous by characteristics established in RCRA zardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation attached. (Check the appropriate items as provided)	
	□ SDS Information □ RCRA Hazardous		
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste	that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous	
	waste determination and a description of that	waste must accompany this form)	
	(Print) Authorized Agent's Name	Date Signature	
		PORTER WHILE THE GENERATOR IS PRESENT	
ter	COMPANY NAME: SenterAlex	/ARD #: WHP #: TRUCK #:	
JO L	ADDRESS:	TICKET #: ROLL OFF BIN#: TRAILER #: 5/7	
Transport	DATE TIME AM D	DISPATCHER DISPATCHER	
ra		NAME:PHONE #:	
1	The following statement must be signed by the truck driver <u>prior</u> to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."		
rt 2	DRIVER: Councils Rempel	DRIVER'S SIGNATURE:	
Part	(Driver's Name Printed)	ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE	
-	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES		
	And the second	DATE: 4.45 AM /PM)	
58:51 AM Facility	FACILITY RECEIVED AT (Check One):	TIME IN: AM / PM / TIME OUT: AM / PM	
9:58:51	Northern Delaware Basin Landfill	WASHOUT BY:	
	2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT: TIME IN: TIME OUT:	
025 0Sa		10005	
: 4/23/2025 9 Disposal	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A	NORM Shake Out: 50005	
Di		H ₂ O	
3-00	SERVICE NOTES:	(Less than 50 S Gallon Test:	
Received by OCD: Part 3 - [This is to certify that:	has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.	
Pa			
ecei	White Copy: Disposal Facility	Yellow: Transporter Pink: Generator	
R			

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Page 37 of 221	COMPANY MANE MAIL:	MANIFEST # 0382421
	COMPANY NAME: XTO DATE: 4-8-25	5
	LEASE: JRU # 124 H TB PHONE:	
	AFE #: FW. 2025, 15665 FAPP 2123052932 OUANTITY.	BBLS
	-RIG-NAME:/12925100 WELL#:	
	STATE & COUNTY ORIGIN: AM Project 03C1558562	2 VARDS
	Waste Description (check only one box) RCRA Exempt RCRA	Non-Exempt
Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET)	Produced Sands
era	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids	Non-Injectable Fluids
ne	Oil Base Mud Water Base Mud Muds w/Cement Rig Trash Pit Liners	Tank Bottoms
		Yes Z-No
-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory d	determination, the above described waste load
Part	is (Check the appropriate classification) CRCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with ne certifications on a per load basis only)	on-exempt waste (NDBL Accepts
	□ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as an demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)	characteristics established in RCRA nended. The following documentation
		rovide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the waste determination and a description of that waste must accompany this form)	e order, documentation of non-hazardous
	(Print) Authorized Agent's Name Date Signature	
-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT	
rter	COMPANY NAME: <u>Sem 1-ex mex</u> YARD #: WHP #:	TRUCK #:
od	ADDRESS: TICKET # POLLOFE RIN#	TRAILER #: 287
Transp	RECEIVED: 4-8-25 TIME RECEIVED: 3:00 AM DISPATCHER NAME: Withen Wieler PH	SPATCHER IONE #: <u>//22-259 — 985-/_</u>
10	"I CERTIEV THAT NO OTHER MATERIAL HAS REEN RIACED IN THIS VESSEL SINCE LOADING OF MATERIAL DE	facility:
rt 2		~
Part	(Driver's Name Printed)	
	, (TRANSFORTER), CERTIFI THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCORATE TO THE B	EST OF MY KNOWLEDGE
		15 2
Facility	FACILITY RECEIVED AT (Check One): DATE: 414 Date: 100 TIME IN: 200 TIME IN: 200 TIME OUT: 200 TIME O	
AM	Northern Delaware Basin Landfill WASHOUT BY:	
58:51 . al Fa	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN:	TIME OUT:
4/23/2025 9:58:51 3 - Disposai F.	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TCLP: PASS FAIL N/A TESTING: 1 2 3 TOX: PASS FAIL N/A H ₂ O	317608
		Gallon Test:
ocp	This is to certify that: Employee (Printed Name) has received the above indicated waste, waste has facility and the waste has been disposed of in an facility and the waste has been dispo	as passed all acceptances testing of this
Received by OCD:		annonzea manner at a permittea site.
ived	White Copy: Disposal Facility Yellow: Transporter Pink: Generator	
ece		

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22	
8 of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com OMPANY MAN EMAIL: OMPANY MAN EMAIL: OMPANY MAN PHONE: OMPANY
Part 1 - Generator	COMPANY NAME: DATE: 4.3.2.5 LEASE: DATE: 9.1.2.4.3.2.5 AFE #: 20.2.5.1.5.6.6.5 API: 2.4.2.8.3.6.9.2.19 RIG NAME: WELL #: QUANTITY: BBLS STATE & COUNTY ORIGIN: QUANTITY: BBLS Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt Waste Description (check only one box) RCRA Exempt Produced Sands Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms Rig Trash Pit Liners Authorize Washout? Yes No Inhereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (check the appropriate classification) RCRA NON-EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 40 CFR 2612.12-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpar
	(Print) Authorized Agent's Name Date Signature
er	(Print) Authorized Agent's Name Date Signature Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
	(Print) Authorized Agent's Name
	(Print) Authorized Agent's Name Date Signature Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
- Transporter	(Print) Authorized Agent's Name Date Signature Date Signature COMPANY NAME: Semicle Completed By the transporter While the generator is present COMPANY NAME: Semicle Completed By the transporter While the generator is present ADDRESS: TEXA WHP #: TRUCK #: DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: WHP #: PHONE #: Y3.2-206-91209 The following statement must be signed by the truck driver prior to unloading at disposal facility: Tille Signature Signature
2 - Transport	(Print) Authorized Agent's Name Date Signature Image: Signature Image: Signature Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signature Image: Signat
2 - Transport	Print) Authorized Agent's Name Date Signature ODE DOE ODE DOE DOE DOE DOE DOE DOE DOE DOE COMPANY NAME: SIGNATURE ADDRESS: TRUCK #: TRUCK #: DATE DISPATCHER DISPATCHER DISPATCHER DISPATCHER PHONE #: (13) - 205 - 91209 The following statement must be signed by the truck driver prior to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: DRIVER'S SIGNATURE: DRIVER'S SIGNATURE:
- Transport	Print) Authorized Agent's Name Date Signature Date Signature COMPANY NAME: Set Mark YARD #: WHP #: TRUCK #: ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: WHP #: PHONE #: 93.0-20.6-91.209 The following statement must be signed by the truck driver prior to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
2 - Transport	(Print) Authorized Agent's Name Date Signature Image: Signature Image: Signature Signature Image: Signature Image: Signature Image:
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24/23/2025 9:58:51 AM Disposal Facility Part 2 - Transport	(Print) Authorized Agent's Name Date Signature Image: Signature Image: Signature Signature Image: Signature Image: Signature Image:
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24/23/2025 9:58:51 AM Disposal Facility Part 2 - Transport	Optimul Authorized Agent's Name

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Page 39 of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	
	COMPANY NAME: XTO DATE: 4-3-25	
	LEASE:	
	AFE #: AFE #: AFE #: QUANTITY: BBLS RIG NAME: WELL #: 20 BULS	
	STATE & COUNTY ORIGIN: YARDS	
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt	
enerator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands	
OLS	Image: Contract of the set of the s	
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Part	is (Check the appropriate classification)	
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)	
	SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)	
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous)	
	a manufactor work of a rest of the order, documentation of non-nazardous	
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- Transporter	waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name	
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10	waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name	
2.	waste determination and a description of that waste must accompany this form) [Print] Authorized Agent's Name Date Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: See TRUCK #: ADDRESS: TRUCK #: DATE TIME DATE TIME RECEIVED: RECEIVED: The following statement must be signed by the truck driver prior to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: Manuel Marce (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE	
M Part 2 -	waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Date Signature Signature COMPANY NAME: SecompLetted BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Mex YARD #: WHP #: TRUCK #: ADDRESS: TICKET #: DATE RECEIVED: DATE MM DISPATCHER DISPATCHER PHONE #: MAME DATE DISPATCHER PHONE #: MAME Mame MAME Mame MAME Mame Mame DATE RECEIVED: PM NAME Mame Mame	
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5 9:58:51 AM	waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Date Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPANY NAME: COMPANY NAME: MCX VARD #: TRUCK #: ADDRESS: TICKET #: DATE DISPATCHER DISPATCHER DISPATCHER DISPATCHER DISPATCHER DATE TICKET #: DATE DATE DATE DATE DATE TICKET #: PHONE #: DISPATCHER DISPATCHER DISPATCHER DISPATCHER DISPATCHER DISPATCHER DISPATCHER </th	
4/23/2025 9:58:51 AM isposal Facility Part 2 -	waste determination and a description of that waste must accompany this form) Printl Authorized Agent's Name Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Second	
0CD: 4/23/2025 9:58:51 AM 3 - Disposal Facility Part 2 -	waste determination and a description of that waste must accompany this form) PPint Authorized Agent's Name Date Signature ODE Signature COMPANY NAME: COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPLATE MALE X ADD WHP #: TRUCK #: ADD Date WHP #: TRUCK #: ADD Date WHP #: TRUCK #: ADD Date WHP #: TRUCK #: DATE TIME DISPATCHER DATE TIME DISPATCHER DATE DISPATCHER DATE TIME IN COLOR FROM THIS MARKET IS TRUE AND ACCURATE TO THE DESCRIBED IN PART 1 ABOVE?" ODIVER'S Name Printed? INTRE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: TIME IN: <td colspa<="" th=""></td>	
4/23/2025 9:58:51 AM isposal Facility Part 2 -	waste determination and a description of that waste must accompany this form) IPPInt Authorized Agent's Name Date Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPANY NAME: OTO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: WHP #: TRUCK #: ADDR Mex WHP #: TRUCK #: ADDR DISPATCHER DATE TINE DATE OTTE TIME DATE TRAILER #: DATE TIME DISPATCHER DATE TIME DISPATCHER DATE TIME OTTER THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE?" DRIVER'S SIGNATURE: Muthorized Magent's Mart NA ODIVER'S NOTER). CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE FACILITY RECEIVED AT (Check One):	

221		
Page 40 of	North,	Dallas, TX 75219 S05.231.1212 S05.231.1212 ar@ndblandfill.com
	Part 1 - Generator	COMPANY NAME:
	porter	SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below) Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Date Signature Signature COMPANY NAME: Semice YARD #: YARD #: TRUCK #: TRUCK #: TRUCK #: TICKET #: ROLL OFF BIN#: TRAILER #:
	Part 2 - Iransport	DATE TIME AM DISPATCHER DISPATCHER DISPATCHER PHONE #: 732-205-7709 The following statement must be signed by the truck driver prior to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: DRIVER: DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
25 9:58:51 AM	Lacing	FACILITY RECEIVED AT (Check One): DATE: DATE: TIME IN: AM / PM Northern Delaware Basin Landfill Now Mexico 88252 WASHOUT BY: MASHOUT: TIME IN: TIME OUT:
d by OCD: 4/23/2025 9	sodsin - c i is	FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY: AM / PM ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A Users than 50 MCR) H20 J J/UU33 Gallon Test: Am / PM Strate of the waste has been disposed of in an authorized manner at a permitted site. White Copy: Disposal Facility Yellow: Transporter Pink: Generator
Received by		EMPLOYEE SIGNATURE: White Copy: Disposal Facility Yellow: Transporter Pink: Generator
-		This soprosposit active tenow, transporter Prick Generator

Page 41 of 221	DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com COMPANY MAN EMAIL:									
Part 1 - Generator	Authorize Washout? Yes No I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)									
Part 2 - Transporter	Waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Date Signature OBE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Signature OBE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Signature ADD TEX VARD #: MUCK #: ADD TEX VARD #: MUCK #: ADD TEX VARD #: TRUCK #: ADD TEX VARD #: TRUCK #: ADD TEX OBJECT TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Signature OBJECT TEXT ADD TEXT ADD TEXT Signature DATE TIME									
1000	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE									
OCD: 4/23/2025 9:58:51 AM	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE:									
Received by OCD: 4/23/2025 9:58:51 AM Part 3 - Disposal Facility	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM Morthern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: AM / PM ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TCLP: PASS FAIL N/A NORM Shake Out: Shake Out:									

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2								
Page 42 of 22 North	COMPANY MAN EMAIL:							
	COMPANY NAME: X O DATE: 4 3-25							
	LEASE: SRU# 124 HTB PHONE:							
	AFE # EW12025, 15665 API: NAPP2428369219 QUANTITY: BBLS							
	RIG NAME: Project 03c/5585(2 WELL #:							
	STATE & COUNTY ORIGIN: Feldy ac 1139251001							
	Waste Description (check only one box)							
tor	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands							
rat	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids							
enerator	Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms							
U	□ Rig Trash □ Pit Liners Authorize Washout? □ Yes □ No							
-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load							
Part	is (Check the appropriate classification) RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts							
0	certifications on a per load basis only)							
	RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)							
	Gemonstrating the waste as non-nazardous is attached. (Check the appropriate items as provided) SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)							
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)							
	(Print) Authorized Agent's Name Dec Nolan Date Signature folder							
-	(Print) Authorized Agent's Name Date Date Signature Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
ter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
iles (TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
iles (TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Sen Texmex YARD #: WHP #: TRUCK #: Sen TRUCK #:							
Transporter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Sem TeX meX YARD #: WHP #: TRUCK #: GO ADDRESS:							
- Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Sen Texmex YARD #: WHP #: TRUCK #: Sen TRUCK #:							
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- Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
<mark>2 - Transpor</mark>	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Sen Texme X YARD #:WHP #:TRUCK #: ADDRESS:TICKET #:ROLL OFF BIN#:TRAILER #:ROLL OFF BIN#:TRAILER #:ROLL OFF BIN#:TRAILER #:ROLT OFF BIN#:ROLT OFF BIN#:ROLT OFF BIN#:ROLT OFF BIN#:ROLT OFF BIN#:ROLT OFF BIN#:ROLT OFF BIN#:							
y Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Sem Tex mex YARD #: WHP #: TRUCK #: Sem Tex mex ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: OFF DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: PHONE #: The following statement must be signed by the truck driver prior to unloading at disposal facility: TABOVE." The following statement must be signed by the truck driver prior to unloading at disposal facility: TABOVE." ORIVER: DOE Mode DRIVER'S SIGNATURE: (Driver's Name Printed) Interview on this MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE							
y Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
y Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
y Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
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y Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
4/23/2025 9:58:51 AM Disposal Facility Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
4/23/2025 9:58:51 AM Disposal Facility Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Tax YARD #: WHP #: TRUCK #: AD ADDRESS: TICKET #: ROLL OFF BIN#: TRUCK #: AD DATE TIME AM DISPATCHER DISPATCHER DISPATCHER PATE TIME AM DISPATCHER DISPATCHER DISPATCHER The following statement must be signed by the truck driver prior to unloading at disposal facility: "ICETIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: DRIVER'S SIGNATURE: OPTIME OPTIME OPTIME OPTIME OPTIME OPTIME OPTIME OFTIME COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: TIME OUT: AM / PM NORTH NORTH PASS FAIL N/A TIME INF: TIME							
4/23/2025 9:58:51 AM Disposal Facility Part 2 - Transpor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:							
D: 4/23/2025 9:58:51 AM 3 - Disposal Facility	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: COMPANY NAME: Tax March YARD #: WHP #: TRUCK #: ADDRESS: TICKET #: ROLL OFF BIN#: TRUCK #: DATE TIME AM DISPATCHER DISPATCHER PATE TIME AM DISPATCHER DISPATCHER The following statement must be signed by the truck driver prior to unloading at disposal facility: "ICERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: (Driver's Name Printed) VARDATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: NORM TIME IN: TIME OUT							



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



April 02, 2025

BEN BELILL ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/01/25 13:30.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



	BE 31. CA	ISOLUM EN BELILL 22 NATIONAL PARKS HWY ARLSBAD NM, 88220 x To:		
Received:	04/01/2025		Sampling Date:	03/31/2025
Reported:	04/02/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)		Sample Received By:	Tamara Oldaker

XTO 32.305463-103.802747

Sample ID: FS 02 4' (H251916-01)

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	04/01/2025	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	04/01/2025	ND	2.18	109	2.00	3.13	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.10	105	2.00	3.15	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	6.24	104	6.00	3.46	QM-07
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	976	16.0	04/02/2025	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	04/01/2025	ND	202	101	200	0.348	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	204	102	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.1	% 40.6-15	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	04/01/2025	Sampling Date:	03/31/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: FS 04 1' (H251916-02)

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	04/01/2025	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	04/01/2025	ND	2.18	109	2.00	3.13	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.10	105	2.00	3.15	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	6.24	104	6.00	3.46	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	1140	16.0	04/02/2025	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	04/01/2025	ND	202	101	200	0.348	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	204	102	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.1	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	04/01/2025	Sampling Date:	03/31/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: FS 01 0.5' (H251916-03)

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	04/01/2025	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	04/01/2025	ND	2.18	109	2.00	3.13	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.10	105	2.00	3.15	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	6.24	104	6.00	3.46	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	5120	16.0	04/02/2025	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	04/01/2025	ND	202	101	200	0.348	
DRO >C10-C28*	10.6	10.0	04/01/2025	ND	204	102	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	04/01/2025	Sampling Date:	03/31/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: FS 05 0.5' (H251916-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	04/01/2025	ND	2.18	109	2.00	3.13	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.10	105	2.00	3.15	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	6.24	104	6.00	3.46	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	7200	16.0	04/02/2025	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*	11.6	10.0	04/01/2025	ND	202	101	200	0.348	
DRO >C10-C28*	56.8	10.0	04/01/2025	ND	204	102	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	61.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	59.7	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC							L		BI	LL TO					A	NALYS	IS R	EQUE	ST		
Project Manager	Ben Belill							Ρ.	.0. #													
Address: 601 N M	Marienfeld Street, Suit	te 400						c	omp	any:)	KTO Energ	y, Inc										
City: Midland			Zip:	797	'01			A	ttn:	Coltor	Brown											
Phone #: 989-85	54-0852	Fax #:						A	ddre	ss: 3	104 E Gree	ene St										
Project #: 03C		Project Owner	r: X	TO	Energ	v		c	ity:	Carls	bad											
	JRU 124 Batter					- SPI	LLS	s	tate:	NM	Zip: 882	20										
	: 32.305463, -1							P	hone	#:												
Sampler Name: U									ax #:				1									
FOR LAB USE ONLY			П	Т		MAT	RIX		PR	ESERV	SAM	PLING	1									
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	Soll	OIL	OTHER .	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500							
1051116	FS02	4'	č	1		X			Ť	X	3/31/25	930	x	X	X							
2	FSD4	1'	C	1		X		T	T	X	1	1030	1	1	1							
3	FSOL	0.5'	Č	1		X				X		1420								-		
4	F505	0.5	C	1		X				X	V	1435	4	1	*		-	-		-		
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and an All alaims included	d Damages, Cardinars liability and cli ng those for negligence and any other ardinal be liable for incidental or conse	cause whatspever shall be	deemed	waive	d unless	made in	writing a	and re	ceivea a	iy cardinal	Millies 20 Gelas with	et comprender at	one approve	ble								
Relinquished By	ng out of or related to the performance	Date: 4-1-25 Time: 330	Cardinal,	regard	diess of v	whether s	uch clai	in is t	hased up		the above stated re	Verbal R All Result BBelill@e THillard@	esult: ts are e ensolum ensolum	n.com, m.com	TMorrise , KThon	sey@er nason@	Add'I Pho de Email a solum.com ensolum.co	ddress: , om		illana@	ensolur	m.com
Relinquished By	y:	Date: Time:	Re	ceiv	red B	y:			-)	REMARK	Cos	st Cent	umber: er: 1139 605000	25100	42836921 1 AFE:	9 EW.20	025.15	665		
Delivered By: (C Sampler - UPS -		bserved Temp. °C	01	4	Co	mple ool Yes	Intact	res	n		KED BY: itials)	Turnarou Thermome	2 ter ID	4hr	#140		SK COO	cteria (c I Intac Yes I No I	t (Yes	ample C Observe		.°C

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



April 07, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/03/25 13:15.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 03 4' (H251974-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2750	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	83.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.0	40.6-15	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 06 4' (H251974-02)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	81.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.7	% 40.6-15							

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 07 4' (H251974-03)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.2	% 40.6-15							

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 08 4' (H251974-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.2	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 09 4' (H251974-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	97.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.5	% 40.6-15	3						

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Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM, LLC BEN BELILL 705 W WADLEY AV MIDLAND TX, 7970 Fax To:		
Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/07/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 01 0-4' (H251974-06)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	98.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.1	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 02 0-4' (H251974-07)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.8	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ВЕ 70 МІ	NSOLUM, LLC EN BELILL D5 W WADLEY AVE. IDLAND TX, 79705 ax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -103.80	02747		

Sample ID: SW 03 0-4' (H251974-08)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	97.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/03/2025		Sampling Date:	04/01/2025
Reported:	04/07/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 04 0-4' (H251974-09)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	94.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.2	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (FTE) 202 2226 EAY (575) 393-2476

Company Name:	(575) 393-2326 FA Ensolum, LLC							T			BI	L	LTO	_		_	_	-	AN	ALY	SIS	REC	QUE	51			_
Project Manager:									P.O.	#:																	
	larienfeld Street, Sui	te 400							Com	npar	ny:)	XT	O Energy	, Inc													
City: Midland		State: TX	X Zip: 79701					Attn: Colton Brown Address: 3104 E Greene St					-														
Phone #: 989-85	4-0852	Fax #:											ne St			1											
Project #: 03C	1558562	Project Owne	r: XTO Energy					City	: 1	Carls	ba	d															
	RU 124 Batter					- SF	PILL	s	Stat	e:	NM	z	ip: 8822	20													
Project Name.	32.305463, -1	03 802747		_					Pho	ne	#:																
Sampler Name: L	Iriel Santillana	00.0021 11			_				Fax	#:					1												
FOR LAB USE ONLY	nor ounditand		П	Т		MA	TRIX	(F	PRE	SERV	T	SAMP	PLING	1		11										
Lab I.D. H257974	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	ſ	DATE	TIME	TPH 8015	BTEX 8021	Chlorida 4500										
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5	F509	1										1	-	1244	11	\square			-	-	-	-	-	-	-	-	+
6	5001	0-4'									11	1		1240	11	\square			-	+	-		-	-	-	-	+
7	5002	1										1		1245	11	\square		-	-	+	-	-	-	-	-	-	+
8	5603											1		1305	1	11			-	+	-		-	+	-	1	t
9	5004	1	V	\checkmark		1					¥	4	V	1258	-	Y	3	-						-	-	16	4
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analyses. All claims includin	d Damages. Cardinal's liability and o g those for negligence and any othe rdinal be liable for incidental or cons	er cause whatsoever shall b	e deemed	limital	tion his	ciness i	nterrup	tions.	loss of	use, o	r loss of	prof	Its incurred by a	client, its subsidia	anes,	ble											
Relinquished By	g out of or related to the performant	Date: Date: Time:3/5 Date:	Re	ceiv	ved e	By:	er such		is base		any of	the	by the	Verbal R All Result BBelill@e REMAR	esult: ts are c ensolum session (S: Inc Co	ident N	d. P TMo r, KT Numb ter: 1	homas er. nA 1392	@ensol on@en	Emai lum.co solum 8369	1.com 219	ress: L	usantil 25.156		ensolu	um.com	,
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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April 08, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/07/25 11:46.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025	Sampling Date:	04/03/2025
Reported:	04/08/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 06 0-4' (H252032-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	18.1	
Toluene*	<0.050	0.050	04/07/2025	ND	1.96	97.9	2.00	19.2	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	19.1	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.34	106	6.00	19.2	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	Qualifie
Chloride	32.0	16.0	04/07/2025	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	Qualifie
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.6	200	0.709	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	207	103	200	0.0271	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	95.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025	Sampling Date:	04/03/2025
Reported:	04/08/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 05 0-4' (H252032-02)

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	04/07/2025	ND	2.02	101	2.00	18.1	
Toluene*	<0.050	0.050	04/07/2025	ND	1.96	97.9	2.00	19.2	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	19.1	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.34	106	6.00	19.2	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	48.0	16.0	04/07/2025	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	04/07/2025	ND	197	98.6	200	0.709	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	207	103	200	0.0271	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVI MIDLAND TX, 7970 Fax To:		
Received:	04/07/2025	Sampling Date:	04/03/2025
Reported:	04/08/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 07 0-4' (H252032-03)

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	04/07/2025	ND	2.02	101	2.00	18.1	
Toluene*	<0.050	0.050	04/07/2025	ND	1.96	97.9	2.00	19.2	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	19.1	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.34	106	6.00	19.2	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	320	16.0	04/07/2025	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	04/07/2025	ND	197	98.6	200	0.709	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	207	103	200	0.0271	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.0	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/07/2025	Sampling Date:	04/04/2025
Reported:	04/08/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 09 0-4' (H252032-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	18.1	
Toluene*	<0.050	0.050	04/07/2025	ND	1.96	97.9	2.00	19.2	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	19.1	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.34	106	6.00	19.2	
Total BTEX	<0.300	0.300	04/07/2025	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	352	16.0	04/07/2025	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	04/07/2025	ND	197	98.6	200	0.709	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	207	103	200	0.0271	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.8	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025	Sampling Date:	04/04/2025
Reported:	04/08/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 10 0-4' (H252032-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		04/07/2025	ND	2.02	101	2.00	18.1	
Toluene*	<0.050	0.050	04/07/2025	ND	1.96	97.9	2.00	19.2	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	19.1	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.34	106	6.00	19.2	
Total BTEX	<0.300 0.300		04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 % 71.5-12		34						
Chloride, SM4500Cl-B	Analyze	d By: CT							
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112 16.0		04/07/2025	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	04/07/2025	ND	197	98.6	200	0.709	
DRO >C10-C28*	<10.0 10.0		04/07/2025	ND	207	103	200	0.0271	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.0 % 44.4-14		5						
Surrogate: 1-Chlorooctadecane 86.3 % 40.6-15.		3							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025	Sampling Date:	04/04/2025
Reported:	04/08/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 11 0-4' (H252032-06)

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		04/07/2025	ND	2.02	101	2.00	18.1	
Toluene*	<0.050	0.050	04/07/2025	ND	1.96	97.9	2.00	19.2	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	19.1	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.34	106	6.00	19.2	
Total BTEX	<0.300 0.300		04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID		% 71.5-13	4						
Chloride, SM4500Cl-B	SM4500Cl-B mg/kg								
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0 16.0		04/07/2025	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	04/07/2025	ND	197	98.6	200	0.709	
DRO >C10-C28*	<10.0 10.0		04/07/2025	ND	207	103	200	0.0271	
EXT DRO >C28-C36	<10.0 10.0		04/07/2025	ND					
Surrogate: 1-Chlorooctane	87.6 % 44.4-1		5						
Surrogate: 1-Chlorooctadecane 82.5 % 40.6-15		3							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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

Cardinal Laboratories

*=Accredited Analyte

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 paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 6/27/2025 3:12:20 PM

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101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC					BILL TO								AN	ALYS	IS RI	EQUE	SI	1				
Project Manager: Ben Belill					P.O.	#:																
					Company: XTO Energy, Inc																	
Address: 601 N Marienfeld Street, Suite 400					Attn	: 0	olton	Brown														
ity: Midland	4 0050	Fax #:	Lip.					Add	ress	: 31	04 E Gree	ne St										
hone #: 989-85	4-0852	Project Owne	- ×	TOF	neray			City	: (Carlsb	ad											
roject #: 03C	DU 404 Pottor			101	-	SPIL	LS	Stat	e: 1	M	Zip: 8822	20										
roject Name:	RU 124 Batter 32.305463, -1	y 103 802747	,					Pho														
roject Location:	32.303403, -	103.002141						Fax	#:													
FOR LAB USE ONLY	The Sanullana			Т		MATE	XIX		PRE	SERV.	SAM	PLING										
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	OTHER :	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500							
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N-U-M	5009									1	4/4/29	1410	++	++	$\left \right $	-	-	-	-	1		
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	nd Damages. Cardinal's liability and ing those for negligence and any oth ardinal be liable for incidental or con													able								
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Relinquished B		Date: Time:	R		ived B					0		REMAR	C	ost Cen	ter: 1139 8605000	25100	AF	E: EW.	2025.1		Conditio	
Delivered By: (Sampler - UPS -		Observed Temp. Corrected Temp.			C	ool TYe		Yes			CKED BY: hitials)	Turnaro	2	#113	Rust	0_	K	OOI Int	Yes	Observ	Conditio red Temp ted Tem	p. °C

ORM-006 R 3.2 (0/0//21

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



April 09, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/07/25 13:53.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager


	BEN E 705 W	LUM, LLC BELILL V WADLEY AVE. AND TX, 79705 o:		
Received:	04/07/2025	Samp	bling Date:	04/07/2025
Reported:	04/09/2025	Samp	oling Type:	Soil
Project Name:	JRU 124 BATTERY	Samp	oling Condition:	Cool & Intact
Project Number:	03C1558562	Samp	ble Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.80274	47		

Sample ID: FS 10 4' (H252053-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	4360	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	35.3	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.1	% 40.6-15	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7 N	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.	802747		

Sample ID: FS 11 4' (H252053-02)

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	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	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	2600	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113 9	40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7 N	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.	802747		

Sample ID: FS 12 4' (H252053-03)

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	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 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	272	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	93.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.6	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7 N	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.	802747		

Sample ID: FS 13 4' (H252053-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	160	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7 N	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.	802747		

Sample ID: FS 14 4' (H252053-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	BEN B 705 W	/ WADLEY AVE. AND TX, 79705		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.80274	47		

Sample ID: FS 15 4' (H252053-06)

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	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	672	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	109	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	BEN 705	OLUM, LLC BELILL W WADLEY AVE. LAND TX, 79705 To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.802	747		

Sample ID: FS 16 4' (H252053-07)

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	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	288	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	119 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116 9	40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	В 7 М	ENSOLUM, LLC BEN BELILL 205 W WADLEY AVE. 4IDLAND TX, 79705 Fax To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.8	802747		

Sample ID: FS 17 4' (H252053-08)

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	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	96.0	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100 9	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	BEN 705	OLUM, LLC BELILL W WADLEY AVE. LAND TX, 79705 To:		
Received:	04/07/2025		Sampling Date:	04/07/2025
Reported:	04/09/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	XTO 32.305463, -103.802	747		

Sample ID: FS 18 4' (H252053-09)

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	04/08/2025	ND	1.98	98.9	2.00	2.38	
Toluene*	<0.050	0.050	04/08/2025	ND	2.23	111	2.00	8.21	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.48	124	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	7.62	127	6.00	11.2	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	224	16.0	04/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	217	108	200	0.905	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	214	107	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

	e: Ensolum, LLC										L	3//	LL TO		1				AN/	LYS	IS F	REQU	IEST			-
Project Manage	r: Ben Belill								Ρ.	0. 1					T		1		T	T	T			-	-	Т
Address: 601 N	Marienfeld Street, St	uite 400							c	omp	any:	x	TO Energ	av. Inc	1											
City: Midland State: TX Zip: 79701					Attn: Colton Brown			1		1																
Phone #: 989-854-0852 Fax #:					-	-	_			04 E Gre	ene St					1						1				
Project #: 030	1558562	Project Owne	er:	хто) En	erav				ty:	Car			che ot					1							1
Project Name:	JRU 124 Batte						SPIL	LS		-	NM	-	Zip: 882	20	1				1							
	n: 32.305463, -		7			-			1		e #:	-	21p. 002	20	1											
	Uriel Santillana		_	-				-	-	x #:		-			1											
FOR LAB USE ONLY			Т	Г	T	M	ATR	IX	га	-	ESER	v	SAM	PLING	-											
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SUL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500	-								
1	F510	4'	C	1		>	0	1			X	_	1/7/13	1027	X	X	\times	-	-	+	+	+	+-	+	+	t
2	FSII		1	1		1					1	1	1	1032	1	1	1	-			1	+	+	+	+	t
3	F512					-						T		1034							1		+	+	+	t
\$4	F513			1								T		1037				-			1	1	1		+	t
5	F514											Ι		1039								1	1		1	t
6	FSIS		\downarrow											1028								1				t
7	F516		\downarrow	4										1030				1								t
8	FS17		11											1035												t
9	F518	V	V	V		V	1				6	1	A.	1037	\checkmark	V	V									L
FASE NOTE: Liability and	Damanas Cardinal's liability and eli	and a second second second second					1				-	t				~	-	_	-		-	-	-	-	#1-	Ð
rvice. In no event shall Car) - -	under winderseter shall be i quental damages, including of services hereunder by C Date: 4	Red		d unles tion, bu diess of red E	s made siness in whethe	in writi nterrupi ir such	ng and lions, lo claim is	receive ass of u	ed by	Cardinal	with	in 30 days after s incurred by cl bove stated rea	completion of the ent, its subsidiaries sons or otherwise Verbal Res All Results BBelill@en	e applicables, sult: are en isolum.o meeturg i: Incide Cost	Ves nailed. com, Ti Seen, I ent Nur Center	Please Morrisse (Thoma nber: IV : 11392	provi y@en ison@	de Em solum. ensolu 42836	com, m.com 9219	iress:			ensolu	im.com	
Delivered By: (Cir Sampler - UPS - B	cle One) O⊾ Bus - Other: C₀	served Temp. °C	53	こうこ	c	ool Ye	Inta s	ct Yes		0	CHECI (Ini		s)	Turnaround J Thermomete Correction F	d Time: 8hc r ID #	13 +	Standa Rush	ard ,		Bacte Cool	ria (on Intact	O	i65 mple Co bserved	d Temp	°C	-

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

-

Corrected Temp. °C



April 14, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/10/25 13:37.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/08/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 08 0-4' (H252136-01)

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	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.0	% 40.6-15	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 12 0-1' (H252136-02)

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	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.7	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 13 0-4' (H252136-03)

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	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 19 1' (H252136-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.6	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 20 1' (H252136-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.1	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 21 1' (H252136-06)

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	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	10.6	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	86.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.7	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 22 1' (H252136-07)

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	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	04/11/2025	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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	25.6	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	88.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.5	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/10/2025		Sampling Date:	04/09/2025
Reported:	04/14/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 23 1' (H252136-08)

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	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	1280	16.0	04/11/2025	ND	416	104	400	3.92	
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	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.3	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FA	X (575) 393-24	76				-	T	-		BII	L	то					A	NAL	YSIS	REC	QUES	T	_	-
Company Name:			_	_				P	0. #:	-		-													
Project Manager:								-	_	-	. x	TO	Energy,	Inc											
Address: 601 N M	Aarienfeld Street, Sui	te 400						-																	
City: Midland		State: TX	Zip:	797	01	_		_	ttn:	_		-		a St											
Phone #: 989-85	54-0852	Fax #:					_				-		Green	e St			1								
Project #: 03C	1558562	Project Owne	r: X	TO	Energ	y		-			arlsb			-											
Project Name:	JRU 124 Batter	У				- SP	ILLS	-13	tate:		_	Zip	8822	0											
Project Location	: 32.305463, -1	103.802747						-F	hone		_	_													
Sampler Name:	Uriel Santillana		_	_				F	ax #:		ERV.		SAMP	LING					- 1						
FOR LAB USE ONLY						MAT	RIX	T	PR	ESI		1	Gran												
Lab I.D.	Sample I.D.	Depth (feet)	C (G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	CE/COOL	OTHER :		DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500								
H252136	11.09	0-4'	100	#	0 5	X	0	0		X	-	41	8125	1030	R	N	X			-		-	-		
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9	FS22			Ħ										1005		11	15	-	-	1	+	+	1		
8	FS23	1'	1	1		1	1			1	4	1	V	1005	1 v	-	1	-	-	-	+	+	1	1	~
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										all be	e limited	d to the	a amount pa	id by the client f	or the	-	1	-	-	-	-				
	and Damages. Cardinal's liability and ding those for negligence and any oth															able									_
service. In no event shall a	and Damages. Cardinal's liability one ding those for negligence and any off Cardinal be liable for incidental or co ising out of or related to the performa-	nsequental damages, inclu nce of services hereunder	by Cardin	al, reg	ardless of	f whethe	er such	claim is	based	upon	any of t	the ab	ove stated re				'es [No	Add'	Phon	e #:				
Relinquished E	31/1 .	Date: 0-2	SR	ece		-	,						1	All Resu	ansolut	emaile	1 Morris	sseyill	1150iuii	11.00111,		usant	illana@	ensolu	m.com
then		Time	7	8	14	00	ME	1	Or	U	C	~	1	NEWS	Canool	100	A, KINO	mason	gensor	ium.com	m	uoun			
Relinquished B		Date:	R	Rece	ived				0			-		REMAR	KS: In	cident Most Cen	ter: 113	92510	24283			005 45	COF		
		Time:	-												G	FCM: 4	860500		-			025.15		Conditio	0
		Observed Temp.	°C 2	11		Samp	le Co	nditi	ion	(D BY:	Turnaro	und Tin	me:	Sta	ndard	4	Cool	Intac	ct	Observ	Conditio ed Temp	o. °C
Delivered By: (< I	Cool	Int	act			(Ir	nitia	IS)	Thermon	eter ID	#113		40	-	P		Yes	Correc	ted Tem	p. °C
Sampler - UPS	- Bus - Other:	Corrected Temp.	d	-10		H	No	No		_	0	00	-	Correctio	n Fecto		0				NULL	110	001100		

Released to Imaging: 6/27/2025 3:12:20 PM

TRIM-000 K 3.2 10/0/11

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.con

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April 16, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/14/25 12:10.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 24 4' (H252193-01)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	864	16.0	04/15/2025	ND	416	104	400	3.92	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.5	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 25 4' (H252193-02)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	1740	16.0	04/15/2025	ND	416	104	400	3.92	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.8	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 26 4' (H252193-03)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	1040	16.0	04/15/2025	ND	416	104	400	3.92	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 27 1' (H252193-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	1820	16.0	04/15/2025	ND	416	104	400	3.92	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	369	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	91.7	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.5	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 28 1' (H252193-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	880	16.0	04/15/2025	ND	416	104	400	3.92	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	03.802747		

Sample ID: FS 29 2' (H252193-06)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	1250	16.0	04/15/2025	ND	416	104	400	3.92	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.6	40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 30 1' (H252193-07)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	04/15/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.7	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 31 1' (H252193-08)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	04/15/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.7	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 32 1' (H252193-09)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	04/15/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.4	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 33 1' (H252193-10)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/15/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	86.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 34 1' (H252193-11)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/15/2025	ND	448	112	400	3.64	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.6	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	03.802747		

Sample ID: FS 35 1' (H252193-12)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/15/2025	ND	448	112	400	3.64	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	34.4	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 36 1' (H252193-13)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/15/2025	ND	448	112	400	3.64	
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	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.4	% 40.6-15	3						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/14/2025		Sampling Date:	04/10/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 37 1' (H252193-14)

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	04/15/2025	ND	2.09	105	2.00	2.26	
Toluene*	<0.050	0.050	04/15/2025	ND	2.10	105	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.18	103	6.00	1.62	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/15/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	196	97.8	200	2.26	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	197	98.5	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.9	% 40.6-15	3						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC										BI	LL TO)						AN/	ALYS	IS R	EQU	EST			
Project Manager	Ben Belill								P.0). #:								Τ		T	T	T	T	T		Τ
Address: 601 N I	Marienfeld Street, Su	ite 400							Co	mpa	any: >	(TO Ene	rgy	, Inc												
City: Midland		State: TX	Zip	: 797	01				Att	n:	Colton	Brown														
Phone #: 989-8	54-0852	Fax #:							Ad	dres	s: 31	104 E Gr	eer	ne St												
Project #: 03C	1558562	Project Owne	er: >	то	Ene	rgy			Cit	y:	Carls	bad														
Project Name:	JRU 124 Batter	ry				- 5	PILL	S	Sta	te:	NM	Zip: 8	322	0												
Project Location	: 32.305463, -	103.802747	7						Ph	one	#:															
Sampler Name:	Uriel Santillana								Fax	x #:																
FOR LAB USE ONLY					-	M	ATRI	X		PRE	SERV.	SA	MP	LING												
Lab I.D. H252193	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	OTHER:	DATI		TIME	TPH 8015	BTEX 8021	Chloride 4500									
1	FS24	4'	C	1		>	0				X	4/10/2	5	945	X	X	X	1								
2	F525	4'	1	f							1	1		945	1	t	K									
3	F526	ન'												950												
4	F5 27	1'												1257						1				1		
5	F-728	1'												1301												
6	F529	2'	1/											1525												
7	F530	1'												1305												
8	F531	1'												1308												
9	F532	1'												1310											-	
10	F533	1'	1	V		1)				V	V		1325	V	V	V									

PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim anxing 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 incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, and the service. In no event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, and the service in the subsidiaries are serviced. In one service in the subsidiaries are serviced by client, its subsidiaries in the subsidiaries are serviced. In one service in the subsidiaries are serviced by client in the subsidiaries in the subsidiaries in the subsidiaries are serviced. In one service in the subsidiaries in the subsidiaries are serviced by client in the subsidiaries in the subsidiaries in the subsidiaries are serviced by client in the subsidiaries in the subsidiaries are serviced by client in the subsidiaries in the subsidiaries are serviced by client in the subsidiaries are s

affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Relinguished By Date: Received B Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: BBelill@ensolum.com, TMorrissey@ensolum.com, Time: usantillana@ensolum.com en ZIO KThomason@ensolum.com REMARKS: Relinquished By: Date: Received By: Incident Number: nAPP2428369219 Cost Center: 1139251001 Time: AFE: EW.2025.15665 GFCM: 48605000 Delivered By: (Circle One) CHECKED BY: Turnaround Time: Bacteria (only) Sample Condition Observed Temp. °C 08 Sample Condition Standard Cool Intact (Initials) 48hr Rush Cool Intact Observed Temp. °C Thermometer ID #13 #140 Sampler - UPS - Bus - Other: Yes Yes Yes Yes Corrected Temp. "C // +0.3 No No Corraction Factor -0.5C Corrected Temp. °C No 🗌 No

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

Released to Imaging: 6/27/2025 3:12:20 PM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Ensolum, LLC										B	LL TO)						ANA	LYS	S R	EQUE	EST		
Project Manage	r: Ben Belill								Ρ.	0.							Γ	T	T	T	T	T	T	T	
Address: 601 N	Marienfeld Street, Su	ite 400							c	om	pany:	XTO Ener	rgy	, Inc	1										
City: Midland		State: TX	Zip:	797	01				-			n Brown			1									1	
Phone #: 989-8	54-0852	Fax #:		_								104 E Gre	eer	ne St					1						
Project #: 03C	1558562	Project Owne	er: X	TOP	Ener	av	-	-	1	ity:														1	
Project Name:	JRU 124 Batter			101			PIL	LS	t			Zip: 88	22	0											
	: 32.305463, -		7			-			1	-	e #:	Lip. 00	LL												
	Uriel Santillana								+	ax #			-	-											
FOR LAB USE ONLY			Т	Т		M/	ATRI	х	1.0	_	RESERV.	SA	MP	LING	1										
Lab I.D. H252193	Sample I.D.	Depth (feet)		# CONTAINERS	GROUNDWATER		OIL	SLUDGE	OTHER :	ACID/BASE:		DATE	_	TIME	TPH 8015	BTEX 8021	Chloride 4500								
11	F534	1'	C	1		X	2				X	4/10/25	5	1443	\otimes	P	X)							
12	F\$ 35		11	11		1					1	1	_	1435	1	1	1	-			1		0		
13	F536		111	11										1443											
14	F537	4	¥	4	_					L	*	4		1455	1	1	1								1
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			+	+	+	+	+	-	+	⊢			+			-			-					K	2
	Damages. Cardinal's liability and cli							1								1			1						

Relinquished By Date: Received By All Results are emailed. Please provide Email address: Time: BBelill@ensolum.com, TMorrissey@ensolum.com, en usantillana@ensolum.com KThomason@ensolum.com 6 Relinquished By: Date: Received By: REMARKS: Incident Number: nAPP2428369219 Cost Center: 1139251001 Time: AFE: EW.2025.15665 GFCM: 48605000 Delivered By: (Circle One) Sample Condition Observed Tamp. C 0,8 CHECKED BY: Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact (Initials) 48hr Rush Cool Intact Observed Temp. °C Sampler - UPS - Bus - Other:
 ☐ Yes
 ☐ Yes

 ☐ Nc
 No
 Corrected Temp. °C
Yes Yes Corrected Tamp. °C 0 Thermometer ID #113 0.3 No No Correction Factor -0.5C R 3.2 10/07

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

2-2

Received by OCD: 4/23/2025 9:58:51 AM



April 16, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/15/25 14:07.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 14 0-2' (H252228-01)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2025	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.6	% 40.6-15	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 15 0-4' (H252228-02)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/16/2025	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	82.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SW 17 0-4' (H252228-03)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	256	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	78.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 38 1' (H252228-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	2040	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	81.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.8	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 39 1' (H252228-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	320	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	80.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 40 1' (H252228-06)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	2960	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	117	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	26.3	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.0	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	3.802747		

Sample ID: FS 41 1' (H252228-07)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	416	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	81.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.5	% 40.6-15	3						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 42 1' (H252228-08)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	1600	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.2	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 43 1' (H252228-09)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	528	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	77.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.9	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10	03.802747		

Sample ID: FS 44 1' (H252228-10)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	1170	16.0	04/16/2025	ND	448	112	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	04/15/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.8	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 45 1' (H252228-11)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	560	16.0	04/16/2025	ND	448	112	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	04/16/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.0	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/15/2025		Sampling Date:	04/14/2025
Reported:	04/16/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: FS 46 4' (H252228-12)

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	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	1070	16.0	04/16/2025	ND	448	112	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	04/16/2025	ND	202	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	191	95.4	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.3	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC								BILL TO									A	NALYS	IS R	EQUE	EST		
Project Manager	: Ben Belill								Р	P.O. #:														
Address: 601 N I	Marienfeld Street, Su	ite 400							c	Company: XTO Energy, Inc														
City: Midland		State: TX	Zip	: 79	701				Attn: Colton Brown															
Phone #: 989-854-0852 Fax #:								A	ddre	SS:	31	04 E Gree	ne St											
Project #: 03C	1558562	Project Owne	er:)	кто	Ene	ergy			c	ity:	Ca	arlsb	ad											
Project Name:	JRU 124 Batter	ТУ				-	SPI	LLS	s	tate:	NN	٨	Zip: 8822	20										
Project Location	: 32.305463, -	103.802747	7						Р	hone	e #:													
Sampler Name: U	Uriel Santillana								F	ax #	:													
FOR LAB USE ONLY					-	A	ATF	RIX	-	PR	ESE	RV.	SAMP	PLING										
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	ACID/BASE:	SICE / COOL	OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500							
1	SW14	0-2'	C	1			8				R		4/14/25		X	\prec	7	<						
2	5615	0-4'	1	1			1				1		1	1359	1	1	1							
3	SWI7	0-4'	11	Ш										1235		1						-		
4	F538	1'	11			_			_	L				1400	11	11			_	-	-			
5	F539	1'	11	Ш				-	-	1				1512	\square	\square		+	_	-		-		
6	F540	1'	\square				1	-	-					1356	\square	\square			-	-	-	-		<u> </u>
4	FS41	1'	11				1	_			1			1353	11	\square				-		-		
89	F542	1.	11				1	-						1350	\downarrow				-			-		
9	FS43	1'	11				1							1348	14	11,				-		-		
10	F544	1'	4	4			V				d		Y	1346	W	P	4							1

service. In no event shall Cardinal be liable for incide tal or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by cli

Antilates or successors arising out of or related to the p Relinquished By: AMarw	Date: 4-15-25 Time: 1407	eceived By:	Verbal Result: Ves No Add'l Phone #: All Results are emailed. Please provide Email address: BBelill@ensolum.com, TMorrissey@ensolum.com, usantillana@ensolum.com
Relinquished By:	Date: Ro Time:	eceived By:	REMARKS: Incident Number: nAPP2428369219 Cost Center: 1139251001 AFE: EW.2025.15665
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C /. Corrected Temp. °C /.	3 Sample Condition CHECKED BY: Cool Intact (Initials) 4 Yes Yes One No	Turnaround Time: Standard Bacteria (only) Sample Condition 24 h C Thermometer ID 413 + 140 Correction Factor -05 C + 0.3 c Correction Factor -05 C + 0.3 c C + 0

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabshin.com

Page 127 of 221

1-2



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name:	(575) 393-2326 FAX (575) 393-2476 ompany Name: Ensolum, LLC							Т	BILL TO								AN	ALYS	SIS R	REQUE	ST		_
Project Manager					_			P	.0.	#:													
	Marienfeld Street, Sui	te 400						0	Company: XTO Energy, Inc														
City: Midland		State: TX	Zip:	797	01			4	Attn: Colton Brown														
Phone #: 989-8	54-0852	Fax #:						4	Address: 3104 E Greene St														
Project #: 03C	1558562	Project Owne	r: X	то	Ener	rav		-	City:	Car	Isb	ad											
Project Mame: JRU 124 Battery - SPILLS						s g	State	e: NM		Zip: 8822	20												
Project Location: 32.305463, -103.802747						1	Phor	ne #:															
	Uriel Santillana							1	Fax	#:													
FOR LAB USE ONLY						MA	TRIX		P	RESER	٦V.	SAME	PLING										
Lab I.D.	Sample I.D.	Depth (feet)	つ (G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :		OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500							
11	F545	1'	C	1		X	0			X		4/14/25		X	X	X		-	-	-			
IZ	F546	4'	C	1		X	0			X		*	1340	X	X	$ \times $		-	-		-		-
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	ing those for negligence and any othe ardinal be liable for incidental or cont ing out of or related to the performance		y Cardina	l, rega	rdless g	of whethe						e above stated re		ise.		20	No A	dd'l Pho	one #:				_
Relinquished B		Date: 4-15-29 Time: 407	Re	ecer	ved A	ву: Ша	ra	1	Q	da	t	SR	All Result BBelill@e	ts are e	mailed	J. Pleas TMorris	se provide sey@enso nason@er	Email	addres		tillana@	ensolu	m.com
Relinquished B	у:	Date: Time:	Re	ecei	ved	By:							REMAR	Co	st Cent		nAPP242 9251001			2025.15	665		
Delivered By: (C Sampler - UPS -		Deserved Temp. "(Corrected Temp. ⁰	11	3		Samp Cool	Int	Yes	5	CH	(Init	KED BY: tials)	Turnarou Thermome Correction	24 Feter ID	#113 -0.5°C	Rus #14 +0;	dard L		Yes	act	ample C Observe Correcte	d Temp	. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabshm.com

2-2



April 17, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/16/25 14:47.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



	E 7 N	ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/16/2025		Sampling Date:	04/15/2025
Reported:	04/17/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shari Cisneros
Project Location:	XTO 32.305463, -103.	802747		

Sample ID: SW 19 0-4' (H252295-01)

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		04/17/2025	ND	2.17	109	2.00	4.29	
Toluene*	<0.050	0.050	04/17/2025	ND	2.21	111	2.00	4.20	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.18	109	2.00	4.14	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	6.40	107	6.00	3.99	
Total BTEX	<0.300	0.300	04/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	80.0	16.0	04/17/2025	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	04/16/2025	ND	180	89.8	200	4.44	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	178	88.9	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					
Surrogate: 1-Chlorooctane	76.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.7	% 40.6-15	· •						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 4/23/2025 9:58:51 AM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476 ompany Name: Ensolum, LLC								BILL TO										NALYS	IS RE	QUES	T		
								P.0). #:	-	-												
roject Manager								Co	mna	nv:	хт	TO Energy	Inc										
ddress: 601 N	Marienfeld Street, Sui							Attn: Colton Brown															
ity: Midland		State: TX	Zip:	1970	-			-					ne St				- 1	1	1	1 1	- 1	1	- 1
hone #: 989-8	54-0852	Fax #:		-		_	-	Address: 3104 E Greene St City: Carlsbad							1.1								
project #: 03C	1558562	Project Owner	: X1	OE		SPIL	19	-	-		-		0										
Project Name: JRU 124 Battery							LLO				-	Zip: 8822	0							1 1			- 1
Project Location: 32.305463, -103.802747							_		one	#:	_		_										
ampler Name:	Uriel Santillana			-	_	MATE		Fa	x #:	ESER	VI	SAMP	LING	1									
FOR LAB USE ONLY	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	EWATER		GE	HER:		ЪГ	OTHER :			TPH 8015	BTEX 8021	Chloride 4500							
H252295	5				N G	SOIL	No IS	5 5	AO	0	5	DATE	TIME	N	1V	V	-		+				
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analyses. All claims inclu service. In no event shall affiates or successors at Relinquished Relinquished Delivered By:	ding those for negligence and any due Circlea be liable for incidental or co- ining out of or related to the performant By: By: Circle One)	er cause windsboever annan s			ion, busin dess of w ed By red By Sa Co	ess inte hether r /: /: /: /: /: /: /: /: /: /: /: /: /:	Conc Intac	s, loss in s b dition	ased up	or loss pon any CHI	ECI	rofits incurred by	Clent, its subsid easons or other Verbal R All Resul BBelill@ REMAR	Arries, Arrise, Arr	emaile n.com, ident N ist Cen CCM: 41 ne: h	d. Plea TMorris a, KThor lumber: ter: 113 8605000	nAPP 92510	AFE B Co	address m, com	usantil 025.156 only) Sar ct O Yes	65	ondition d Temp	n .°C

Page 4 of 4



April 17, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/16/25 14:47.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



	BEN 705	GOLUM, LLC I BELILL W WADLEY AVE. DLAND TX, 79705 To:		
Received:	04/16/2025		Sampling Date:	04/15/2025
Reported:	04/17/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Shari Cisneros
Project Location:	XTO 32.305463, -103.802	2747		

Sample ID: SW 16 0-1' (H252296-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/17/2025	ND	2.17	109	2.00	4.29	
Toluene*	<0.050	0.050	04/17/2025	ND	2.21	111	2.00	4.20	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.18	109	2.00	4.14	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	6.40	107	6.00	3.99	
Total BTEX	<0.300	0.300	04/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	336	16.0	04/17/2025	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	04/16/2025	ND	180	89.8	200	4.44	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	178	88.9	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					
Surrogate: 1-Chlorooctane	75.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.6	% 40.6-15	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM, LI BEN BELILL 705 W WADL MIDLAND TX Fax To:	EY AVE.	
Received:	04/16/2025	Sampling Date:	04/15/2025
Reported:	04/17/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Shari Cisneros
Project Location:	XTO 32.305463, -103.802747		

Sample ID: SW 18 0-1' (H252296-02)

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	04/17/2025	ND	2.17	109	2.00	4.29	
Toluene*	<0.050	0.050	04/17/2025	ND	2.21	111	2.00	4.20	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.18	109	2.00	4.14	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	6.40	107	6.00	3.99	
Total BTEX	<0.300	0.300	04/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	48.0	16.0	04/17/2025	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	04/16/2025	ND	180	89.8	200	4.44	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	178	88.9	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					
Surrogate: 1-Chlorooctane	77.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.9	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC										BIL	L TO		-	ANALYSIS REQUES							1	-		
Project Manager:				-				P	.0. #	¥:														
-	larienfeld Street, Suit	te 400						c	omp	bany	1: X	TO Energy	, Inc											
	lariemelu Street, Sun		Zip:	797	01			Attn: Colton Brown								. 1	1					1		
City: Midland	4 0952	Fax #:						Address: 3104 E Greene St									- 1							
Phone #: 989-85	1558562	Project Owner	. YT		nera	v	-	City: Carlsbad									- 1							
Project #: 03C	DI 101 Pattor			01		- SPI	LLS					Zip: 8822	:0	1										
Project Name:	IRU 124 Batter	y 03 802747			_	-	-	-	hon	-	-			1										
Project Location	32.305463, -1	03.002141	-	-			-	-	ax #		-			1								- 1	- 1	
Sampler Name:	Jriel Santiliana		П	T	-	MAT	RIX	P.		RES	ERV.	SAMP	LING	1										
Lab I.D. Hasaagu	Sample I.D.	Depth (feet)	C (G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ICE / COOL	OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500								
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analyses. All claims includi	nd Damages. Cardinal's liability and on ng those for negligence and any othe ardinal be liable for incidental or con ng out of or related to the performant	er cause whatsoever analities	ig without Cardinal	t limita regar	tion, bus dless of	iness inf whether	erminti	ions lo	ss of u	se. or l	loss of p	profits incurred by	client, its subsid	iarles, wise.	ible	ae []	No	Add'l	Phone	#:				
Relinquished B		Date: 4-16-25 Time: 125 0	Re	cen	E	in.							All Resu BBelill@	its are e ensolum	mailed n.com,	I. Pleas TMorris , KThon	sey@e nason@	vide Em nsolum. Densolu	ail add .com, um.com	Iress:	usantilla	ana@e	ensolur	n.com
Relinquished B	v: 142-	Date: 4.16.29 Time: 4.1	Re	cei	ved E	w	(Li	S	N	er	as	REMAR	GF	st Cent CM: 48	er: 1139	92510	D1 A	AFE: E		25.1566 nly) Sam		ondition	
Delivered By: (C Sampler - UPS -	Circle One)	Deserved Temp. "C Corrected Temp. "C	4.	90	S	ample ool Ye		rditi Ct Yes No	on	C		KED BY: itials)	Turnaro Thermon Correctio	24h	#143	Rust HIY	0,	¥	Cool TYe		Ot	orrecte	Temp	•°C

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



April 21, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/17/25 13:40.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/17/2025		Sampling Date:	04/16/2025
Reported:	04/21/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SS 16 0.5' (H252307-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/17/2025	ND	2.04	102	2.00	1.56	
Toluene*	<0.050	0.050	04/17/2025	ND	2.09	104	2.00	1.69	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.05	102	2.00	1.67	
Total Xylenes*	<0.150 0.150		04/17/2025	ND	6.03	100	6.00	1.91	
Total BTEX	BTEX <0.300 0.300		04/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	32.0	16.0	04/21/2025	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	Qualifie
GRO C6-C10*	<10.0	10.0	04/17/2025	ND	198	99.2	200	0.427	
DRO >C10-C28*	<10.0	10.0	04/17/2025	ND	184	91.9	200	0.302	
EXT DRO >C28-C36	<10.0	10.0	04/17/2025	ND					
Surrogate: 1-Chlorooctane	68.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.3	% 40.6-15							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 4/23/2025 9:58:51 AM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

	e: Ensolum, LLC								BILL TO ANALYSIS REQUEST								_							
Project Manage				_					P.O. #:					T	T	T	1	T	1	T	T	51	-	-
Address: 601 N Marienfeld Street, Suite 400							Con	npa	ny:	XTO Ene	gy. Inc									1				
City: Midland State: TX Zip: 79701									n Brown	371														
Phone #: 989-854-0852 Fax #:						_	104 E Gre	ano St																
Project #: 030		Project Own	er:	хто) Ene	rav			City		Carls		che ot											
Project Name:	JRU 124 Batte	ry					PILL	S	Stat	-			000	1		1								
Project Location	n: 32.305463, -	103.80274	7					-	Pho			Zip: 88	220	1										
	Uriel Santillana		-					-	Fax		r			1										
FOR LAB USE ONLY			T			MA	TRIX		-	_	ERV	SAN	PLING	4										
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	DIL	_	UDGE	OTHER : ACID/RASE:	ICE / COOL	OTHER :			TPH 8015	BTEX 8021	Chloride 4500								
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elinquished By:	1 *	Date: 4-17-25		- Mail day	d By	eulei su	uch clai	misba	ased up	on any	of the a	above stated rea	sons or otherwise.		-									
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+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



April 21, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/17/25 13:40.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEN BELILL 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	04/17/2025		Sampling Date:	04/16/2025
Reported:	04/21/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463, -10)3.802747		

Sample ID: SS 15 0.5' (H252309-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/17/2025	ND	2.04	102	2.00	1.56	
Toluene*	<0.050	0.050	04/17/2025	ND	2.09	104	2.00	1.69	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.05	102	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	6.03	100	6.00	1.91	
Total BTEX	I BTEX <0.300 0.300		04/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2025	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	04/17/2025	ND	198	99.2	200	0.427	
DRO >C10-C28*	<10.0	10.0	04/17/2025	ND	184	91.9	200	0.302	
EXT DRO >C28-C36	<10.0	10.0	04/17/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.2	% 40.6-15	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC						BILL TO						ANALYSIS REQUEST						
Project Manager: Ben Belill						P.O.	#:											
Address: 601 N Marienfeld Street,	Suite 400					Com	pany:	XTO Energ	gy, Inc	1								
City: Midland	State: TX	Zip: 7	9701			Attn: Colton Brown												
Phone #: 989-854-0852	Fax #:					Address: 3104 E Greene St				1								
Project #: 03C1558562	Project Owne	r: XTO) Energ	y		City: Carlsbad				1								
Project Name: JRU 124 Bat	ttery			- SPIL	LS	Stat	e: NM	Zip: 882	20	1								
Project Location: 32.305463, -103.802747						Pho	ne #:											
Sampler Name: Uriel Santillana						Fax	#:			1								
FOR LAB USE ONLY				MATR	IX	P	RESERV	. SAM	PLING	1								
Lab I.D. Sample I.D). Depth (feet)	(G)RAB OR (C)OMP # CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER :	ICE / COOL	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500						
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PLEASE NOTE: Liability and Damages, Cardinal's liability											-		_	-			-	
analyses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or	r consequental damages, includin	g without limit	tation, busin	ess interru	ptions, I	osis of us	e, or loss of p				Die							
Relinquished By:	- Date: - Time: 340		ived By		h claim	s based	Inda a	Hall	BBelill@e	s are en	.com, 1	Morrissey	movide En @ensolum	n.com,	ress:	antillana@	ensolu	m.com
Relinquished By:	Time:					REMARKS: Incid Cost			Cost Center: 1139251001 GFCM: 48605000 AFE: EW.2025.15665									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. "C Corrected Temp. "C		Co	Yes No	Yes	-		KED BY: tials)	Turnarour 2 Thermomet Correction	4 h	113	Standa Rush 140 10.3	X		Intact Yes	Sample (Observ Correct	ed Temp	. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabshm.com

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APPENDIX D

January 7, 2025 Remediation Work Plan

Released to Imaging: 6/27/2025 3:12:20 PM

E N S O L U M

January 7, 2025

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

Re: Remediation Work Plan JRU 124 Battery Incident Number nAPP2428369219 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared the following *Remediation Work Plan* (*Work Plan*) to document site assessment and delineation activities completed to date and propose a work plan to address impacted soil identified at the JRU 124 Battery (Site). The purpose of the site assessment and delineation activities was to delineate the lateral and vertical extent of impacted soil resulting from a release of crude oil and produced water at the Site. The following *Work Plan* proposes to excavate impacted soil within the top 4 feet of the release extent.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 17, Township 23 South, Range 31 East, in Eddy County, New Mexico (32.30496°, -103.80258°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On October 9, 2024, due to alarms status failure, tanks located within a lined containment overflowed, resulting in the release of 863 barrels (bbls) of produced water and 28 bbls of crude oil onto the facility pad and into the adjacent pasture. A vacuum truck was dispatched to recover free-standing fluids. Approximately 859 bbls of fluids were recovered. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on October 9, 2024, and subsequently submitted an initial C-141 Application (C-141) on October 10, 2024. The release was assigned Incident Number nAPP2428369219.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below and potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. A United States Geological Survey (USGS) permitted well (321809103481801) located 0.26 miles southwest of the Site indicates a groundwater depth of 129 feet bgs, last measured on January 16, 2013. The total depth of the well is 354 feet bgs. The well location is depicted on Figure 1 and the Well Record is included in Appendix A.

XTO Energy, Inc. Remediation Work Plan JRU 124 Battery

The closest continuously flowing or significant watercourse to the Site is a dry wash located approximately 8,298 feet northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by stable geology (low potential karst designation area).

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

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

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of the pasture area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On October 25, 2024, Ensolum personnel conducted a site assessment to evaluate the release extent based on information provided on the C-141 and visual observations. Ensolum personnel collected five discrete delineation soil samples (SS01 through SS05) within the release extent from a depth of 0.5 feet bgs to assess soil impacts caused by the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COC): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

Between November 26 and December 31, 2024, Ensolum personnel returned to the Site to conduct delineation activities. Five boreholes (BH01 through BH05) were advanced in the vicinity of soil sample locations SS01 through SS05, respectively. The boreholes were advanced via hand auger up to a maximum depth of 8 feet bgs. Discrete soil samples were collected from each borehole at depths ranging from 1-foot bgs to 8-feet bgs. Field screening results and observations were logged on lithologic/soil sampling logs and are included in Appendix B. In order to confirm the lateral extent of the release, delineation soil samples SS06 through SS14 were collected just outside the release extent area to confirm the edge of the release. All delineation soil samples were field screened, handled, and analyzed for the same COCs as described above and submitted to Cardinal. The soil sample locations are depicted on Figure 2. Photographic documentation was completed during the Site visits and a photographic log is included in Appendix C.



XTO Energy, Inc. Remediation Work Plan JRU 124 Battery

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS05 collected at 0.5 feet bgs indicated BTEX, TPH-GRO/TPH-DRO, TPH, and/or chloride concentrations exceed the Closure Criteria. All other delineation soil samples collected indicated all COC concentrations were below the Closure Criteria.

Soil samples collected at the terminal depths of each borehole, ranging from 4 feet to 8 feet bgs, indicated COC concentrations were compliant with the Closure Criteria and successfully defines the vertical extent of impacted soil. Laboratory analytical results for delineation soil samples SS06 through SS14 collected outside the release extent indicated COC concentrations were compliant with the Closure Criteria and successfully defines the lateral extent of the release. Laboratory Analytical Reports & Chain-of-Custody Documentation are presented in Appendix D.

PROPOSED REMEDIATION WORK PLAN

Site assessment and delineation activities were completed at the Site following a produced water and crude oil release from October 9, 2024. Delineation soil sampling results indicate impacted and waste-containing soil exists across an approximate 12,400 square foot area and extends to a maximum depth of 4 feet bgs. XTO proposes the following remediation activities:

- A 48-hour advanced notice of a liner inspection will be submitted to the NMOCD and a liner integrity inspection will be conducted. The liner shall be cleaned of all debris and/or release staining and upon inspection, no rips, tears, holes, or damage are anticipated to be observed. If any such liner breach is identified during the inspection, then additional delineation activities within the lined containment will be conducted.
- Excavation of impacted soil to approximate depths ranging from 1-foot to 4 feet bgs. Analytical
 results for SS04/BH04 indicated COC concentrations are below reclamation requirement at 1foot bgs. All other delineation soil sample laboratory analytical results indicated either impacted
 soil or waste-containing soil was present to a depth of 4 feet bgs. Excavation will proceed laterally
 until sidewall samples confirm that all COC concentrations are compliant with the Closure Criteria
 and reclamation requirement where applicable. XTO safety policy restricts soil disturbing
 activities within a 2-foot radius of any active production equipment which may limit access to
 portions of impacted soil. The proposed excavation extent is depicted on Figure 3.
- Following excavation activities, 5-point composite soil samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Due to the estimated size of the excavation, XTO requests a variance for frequency of excavation confirmation samples. XTO proposes the five-point composite samples to be collected at a sampling frequency of 400 square feet along the excavation floor and sidewalls. The proposed sampling frequency would reduce the total amount of samples from approximately 62 samples (200 square feet) to approximately 31 samples. The soil samples will be handled as described above and analyzed for the same COCs described above.
- An estimated 1,800 cubic yards of impacted soil is estimated to be removed. The excavated soil will be transferred a New Mexico approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing condition and the pasture area will be reseeded with a BLM-approved seed mixture.

XTO believes this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD. XTO will proceed with the excavation and soil



XTO Energy, Inc. Remediation Work Plan JRU 124 Battery

sampling activities and will submit a Closure Report within 90 days of the date of approval of this *Work Plan* by the NMOCD.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, Ensolum, LLC

Josse bernon

Jesse Dorman Associate Geologist

Mouissey

Tacoma Morrissey, MS Associate Principal

cc: Colton Brown, XTO Kaylan Dirkx, XTO BLM

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Proposed Excavation Extent
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Lithologic / Soil Sampling Logs
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation



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FIGURES

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Received by OCD: 4/23/2025/91581514AM

Page 152 0f 221



Received by OCD: 4/23/2025)97587514AM



Unit F, Section 17, T 23S, R 31E Eddy County, New Mexico

Released to Imaging: 6/27/2025 3:12:20 PM

Received by OCD: 4/23/2025)95585514AM



ENSOLUM Environmental, Engineering and Hydrogeologic Consultants

XTO Energy, Inc JRU 124 Battery Incident Number: nAPP2428369219 Unit F, Section 17, T 23S, R 31E Eddy County, New Mexico

FIGURE

3



TABLES

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E N S O L U M

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS JRU 124 Battery XTO Energy, Inc Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Deliı	neation Soil Sa	mples			1	
SS01	10/25/2024	0.5	0.331	62.0	755	4,210	778	4,965	5,743	13,800
BH01A	11/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,760
BH01B	11/26/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH01C	11/26/2024	6	<0.050	<0.300	<10.0	68.2	<10.0	68.2	68.2	80.0
SS02	10/25/2024	0.5	0.123	40.1	1,070	5,780	1,030	6,850	7,880	10,000
BH02A	11/26/2024	1	<0.050	<0.300	<10.0	109	<10.0	109	109	944
BH02B	11/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,280
SS03	10/25/2024	0.5	0.121	52.3	1,640	15,900	3,300	17,540	20,840	5,280
BH03A	11/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
BH03B	11/26/2024	6	<0.050	<0.300	<10.0	43.8	<10.0	43.8	43.8	704
BH03C	11/26/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
SS04	10/25/2024	0.5	<0.050	3.39	66.4	2,110	472	2,176	2,648	7,200
BH04A	11/26/2024	1	<0.050	<0.300	<10.0	16.0	<10.0	16.0	16.0	80.0
BH04B	11/26/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BH04C	11/26/2024	8	<0.050	<0.300	<10.0	166	16.7	166	182.7	512
SS05	10/25/2024	0.5	<0.200	95.1	2,290	11,500	2,080	13,790	15,870	21,200
BH05A	11/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,410
BH05B	11/26/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SS06	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS07	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS08	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SS09	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS10	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS11	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SS12	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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ENSOLUM

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS JRU 124 Battery XTO Energy, Inc Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)		10	50	NE	NE	NE	1,000	2,500	20,000	
SS13	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SS14	12/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in ${\rm bold}$ exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

 $\ensuremath{\mathsf{Grey}}$ text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records



National Water Information System: Web Interface

USGS Water Resources

ata Category: Groundwater V United States

✓ GO

USGS Home Contact USGS Search USGS

graphic Area

Click to hideNews Bulletins

• Explore the NEW USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 321809103481801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321809103481801 23S.31E.17.31141

Eddy County, New Mexico Latitude 32°18'11.3", Longitude 103°48'23.4" NAD83 Land-surface elevation 3,326.00 feet above NGVD29 The depth of the well is 354 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer. **Output formats**

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1959-02-04		D	62610		3215.16	NGVD29	Р	Z		
1959-02-04		D	62611		3216.80	NAVD88	Р	Z		
1959-02-04		D	72019	110.84			Р	Z		
1987-10-15		D	62610		3214.80	NGVD29	1	Z		
1987-10-15		D	62611		3216.44	NAVD88	1	Z		
1987-10-15		D	72019	111.20			1	Z		
1992-11-04		D	62610		3216.32	NGVD29	1	S		
1992-11-04		D	62611		3217.96	NAVD88	1	S		
1992-11-04		D	72019	109.68			1	S		
2013-01-16	23:30 UTC	m	62610		3197.36	NGVD29	Р	S	USGS	j.
2013-01-16	23:30 UTC	m	62611		3199.00	NAVD88	Р	S	USGS	i -
2013-01-16	23:30 UTC	m	72019	128.64			Р	S	USGS	5

		Explanation
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

Released to Imaging: 6/23/2025 3:12:20 PM

Received by OCD: 4/23/2025)95585514AM

Section	Code	Description
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

<u>Questions or Comments</u> <u>Help</u> <u>Data Tips</u> <u>Explanation of terms</u> <u>Subscribe for system changes</u>

Accessibility FOIA Privacy Policies and Notices U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-11-19 12:04:39 EST 0.37 0.28 nadww01 USA.gov



APPENDIX B

Lithologic Soil Sampling Logs

							Sample Name: SS01/BH01	Date: 11/26/2024			
			~	• •			Site Name: JRU 124 Battery	Date: 11/20/2024			
	E	N	S	ΟΙ		M	Incident Number: nAPP2428369219				
							Job Number: 03C1558562				
				AMPLING							
			-	AIVIPLING	LUG		Logged By: JDB	Method: hand auger Total Depth: 6'			
Coordinates: 32					larida Tast S	tring and	Hole Diameter: 4" PID for chloride and vapor, respec				
		-					factor included.	tively. Chioride test			
Moisture ContentMoisture ChlorideChloride (ppm)Chloride (ppm)Vapor (ppm)Vapor (ppm)Vapor 							Lithologic Descriptions				
D 13,297	890	Y	SS01	0.5	1 0 -	CCHE (fill)	(0-1'), CALICHE, well graded, tag gravel size, strong TPH odor, f				
D <162.4 95.7 Y BH01A 1 1 SP (1-4') SAND, Fine to medium grained, Poorly Graded, poorly consolidated, Reddish Brown.											
D <162.4 23.2 N 2											
D <162.4	26.3	N			3						
D <162.4	67.1	Ν		-	4	CCHE	(4-5'), CALICHE, well graded, ta gravel, no odor, well consolida				
D <162.4	2.4	Ν	BH01B	5	5 5	SP-S	(5-6'), SANDSTONE, reddish br grained, moderately consolida				
D <162.4	85	Ν	BH01C	6	6		Refusal @ 6'	,			
Total Depth @ 6' BGS											

							Comple Neme: CC02/DU02	Data: 11/26/2024			
	_		-				Sample Name: SS02/BH02	Date: 11/26/2024			
	EI	N	S	Ο		M	Site Name: JRU 124 Battery	10			
							Incident Number: nAPP24283692	19			
				AMPLING	106		Job Number: 03C1558562 Logged By: JDB Method: hand auger				
				AIVIPLING	LUG		Logged By: JDB Hole Diameter: 4"	Total Depth: 4'			
Coordinates: 32					arida Tact St	rinc and D	Plote Diameter: 4 PlD for chloride and vapor, respecti				
							factor included. NS=Not Screened.				
Moisture Content Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Lithologic Descriptions						
D 19,409	1288	Y	SS02	0.5	L 0	CCHE (fill)	(0-1'), CALICHE, well graded, ta gravel size, strong TPH odor, fi	-			
D 1366	60.9	Ν	BH02A	1	SP	(1-4') SAND, Fine to medium g poorly consolidated, Redish Br	-				
D NS	NS	N		ء ب ب							
D NS	15	N		+ + +	3						
D NS	14.5	N	BH02B	4	4						
D NS 14.5 N BH02B 4 4 4 Total Depth @ 4' BGS											

								Sample Name: SS03/BH03	Date: 11/26/2024			
				~	\sim 1			Site Name: JRU 124 Battery	Date: 11/20/2024			
			N	3	ΟΙ	. U	M	Incident Number: nAPP2428369	0219			
								Job Number: 03C1558562				
			GIC		AMPLING	106		Logged By: JDB Method: hand auger				
Coordi	inates: 32.3			-		200		Hole Diameter: 4"	Total Depth: 7'			
					h HACH Chlo	oride Test St	rips and P	PID for chloride and vapor, respec				
			-					factor included. NS=Not Screene	-			
Moisture Content	USCS/Rock USCS/Rock				(ft bgs)							
					<u> </u>	0	CCHE (fill)	(0-1'), CALICHE, well graded,	-			
D	11,743	644	Υ	SS03	0.5	-	(1111)	gravel size, faint TPH odor, fi	11.			
D	NS	15.1	Y	BH03A	1	1	SP	(1-4') SAND, Fine to medium	grained Poorly Graded			
2				21100/1			0.	poorly consolidated, Redish				
D	NS	10.2	Y		-	2		(2'-5') no odor.				
U	113	10.2	T		-			(2 -5) 110 0001.				
					_	_						
D	NS	8.6	Ν		-	3						
					-	-						
	NC	12.4			-	-						
D	NS	12.4	Ν		-	_ 4						
					_	-						
D	1265	6.5	Ν		-	5						
					-	-						
	1001	140			_	-		trace U/C adar @ C				
D	1081	143	Ν	BH03B	6 _	6		trace H/C odor @ 6'.				
					_	_						
D	840	15.8	Ν	BH03C	7	7		Refusal @7', no odor.				
						Total Be	nth @ 7					
						TULAT DE	pui @ /	D03				
						_						
					_	\sim						
				_								
			_									
\sim												

								Sample Name:SS04/BH04	Date: 11/26/2024			
				~	•			Site Name: JRU 124 Battery	Date: 11/20/2024			
			N	5	ΟΙ	_ U	M	Incident Number: nAPP24283692	10			
								Job Number: 03C1558562				
		ITHOL	OGIO		AMPLING			Logged By: JDB Method: hand auger				
Coord	inates: 32			-		100		Hole Diameter: 4"	Total Depth: 8'			
Comm	ents: Fiel	d screeni	ng co	nducted w		•	PID for chloride and vapor, respective for the second seco	tively. Chloride test				
Moisture Content	Moisture Content Content Chloride Chloride (ppm) Vapor (ppm) (ppm)							Lithologic Descriptions				
D D	9,273 <162.4	105 23	Y V	SS04 BH04A	0.5 _ 1 _	(0-8') Sand, Reddish Brown, fi silty, trace H/C odor, poorly gr consolidated.	-					
D	1478	11.0	Y		-	2		no odor @ 2'.				
D	NS	26	N		-	3 						
D	11743	11	Ν		-	4		no odor @ 4'.				
D	NS	31.8	Ν		-	5 						
D	NS	15.4	Ν		-	6						
D	<162.4	7.4	Ν	BH04B	7	7						
D	767.2	60.4	Ν	BH04C	8	8	CCHE	(@8') ,CALICHE, well graded, t gravel size, no odor, well cons	_			
					-	9						
	Total Depth @ 8 BGS											

F									Data: 11/26/2024			
	_	_			• •			Sample Name: SS05/BH05	Date: 11/26/2024			
		e i	V	5	υL	. U	M	Site Name: JRU 124 Battery Incident Number: nAPP2428369	210			
			_	-				Job Number: 03C1558562				
					AMPLING			Logged By: JDB Method: hand auger				
Coord	inates: 32.					100		Hole Diameter: 4"	Total Depth: 8'			
						rins and P	ID for chloride and vapor, respect					
							factor included. NS=Not Screened					
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Lithologic Descriptions						
					T	0	SP	(0-3') Sand, Redish Brown, fi	-			
D	26,073	875	Y	SS05	0.5	-		silty, Strong TPH odor, poorly consolidated.	raded, poorly			
D	NS	78	v		-	- 1		consolidated.				
					-	-						
					_	-						
D	NS	57.7	Ν		_	2						
					-	-						
D	NS	21.1	Ν		-	3	CCHE	(3-8') CALICHE, well graded, t	an medium grain to			
					-		00112	gravel size, faint TPH odor, w				
					-	-		8				
D	NS	18.7	Ν	BH05A	4	4						
					-	-						
D	NS	89.2	Ν		-	5						
	113	09.2	IN		_							
					_	-						
D	NS	57.4	Ν		-	6						
					-	-						
						-						
D	NS	109.8	Ν		-	_ 7						
					-	-						
D	464	13.0	Ν	BH05B	8	8		(@ 8') Refusal, no odor				
	101	10.0		2.1000	~ _							
						Total De	pth @ 8	BGS				
						_	\sim					
1												
\leq												



APPENDIX C

Photographic Log

Released to Imaging: 6/27/2025 3:12:20 PM

	Photographic Log XTO Energy, Inc. JRU 124 Battery Incident Number nAPP2428369219
Detel: 2024 8:19:18 AM 2:30:50 XI 3:03:30:26 W 2:28 UNITED: State:	Oct-10 20248/27.85 AM 202105200000000000000000000000000000000
Photograph: 1 Date: 10/10/2024 Description: Release extent area near pad entrance. View: Southwest	Photograph: 2 Date: 10/10/2024 Description: Release extent area on pad. View: South
Oct 10,2024 824 52 m 2,2055 St 2007 2,2055 St 2007 2,80 555 United States	W IP N O 329*NW (T) = 32:305747,-103.803041 ±13ft ▲ 3218ft 0
Photograph: 3 Date: 10/10/2024 Description: Release extent area in pasture. View: Southwest	Photograph: 4 Date: 11/26/2024 Description: Delineation activities, SS04/BH04. View: Northwest



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



October 31, 2024

TACOMA MORRISSEY ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/29/24 13:30.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HW CARLSBAD NM, 88220 Fax To:	Y	
Received:	10/29/2024		Sampling Date:	10/25/2024
Reported:	10/31/2024		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact
Project Number:	03C1558562		Sample Received By:	Alyssa Parras
Project Location:	ХТО			

Sample ID: SS 01 0.5 (H246568-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.331	0.200	10/31/2024	ND	2.00	100	2.00	4.73	GC-NC
Toluene*	7.67	0.200	10/31/2024	ND	2.12	106	2.00	5.86	QM-07
Ethylbenzene*	9.86	0.200	10/31/2024	ND	2.23	112	2.00	7.05	QM-07
Total Xylenes*	44.1	0.600	10/31/2024	ND	6.71	112	6.00	7.38	QM-07
Total BTEX	62.0	1.20	10/31/2024	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	13800	16.0	10/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	755	10.0	10/30/2024	ND	224	112	200	2.75	QM-07
DRO >C10-C28*	4210	10.0	10/30/2024	ND	224	112	200	3.89	QM-07
EXT DRO >C28-C36	778	10.0	10/30/2024	ND					
Surrogate: 1-Chlorooctane	193	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:	Y		
Received:	10/29/2024		Sampling Date:	10	/25/2024
Reported:	10/31/2024		Sampling Type:	Sc	oil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Co	ol & Intact
Project Number:	03C1558562		Sample Received By:	Al	yssa Parras
Project Location:	ХТО				

Sample ID: SS 02 0.5 (H246568-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	0.123	0.050	10/31/2024	ND	2.00	100	2.00	4.73	GC-NC
Toluene*	4.70	0.050	10/31/2024	ND	2.12	106	2.00	5.86	
Ethylbenzene*	6.62	0.050	10/31/2024	ND	2.23	112	2.00	7.05	
Total Xylenes*	28.6	0.150	10/31/2024	ND	6.71	112	6.00	7.38	
Total BTEX	40.1	0.300	10/31/2024	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	356	% 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	Qualifie
Chloride	10000	16.0	10/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	1070	10.0	10/30/2024	ND	224	112	200	2.75	
DRO >C10-C28*	5780	10.0	10/30/2024	ND	224	112	200	3.89	
EXT DRO >C28-C36	1030	10.0	10/30/2024	ND					
Surrogate: 1-Chlorooctane	237 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	168 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:	Y		
Received:	10/29/2024		Sampling Date:	10	/25/2024
Reported:	10/31/2024		Sampling Type:	Sc	oil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Co	ol & Intact
Project Number:	03C1558562		Sample Received By:	Al	yssa Parras
Project Location:	ХТО				

Sample ID: SS 03 0.5 (H246568-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.121	0.100	10/31/2024	ND	2.00	100	2.00	4.73	GC-NC
Toluene*	5.90	0.100	10/31/2024	ND	2.12	106	2.00	5.86	
Ethylbenzene*	8.57	0.100	10/31/2024	ND	2.23	112	2.00	7.05	
Total Xylenes*	37.7	0.300	10/31/2024	ND	6.71	112	6.00	7.38	
Total BTEX	52.3	0.600	10/31/2024	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	292 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	Qualifie
Chloride	5280	16.0	10/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	1640	50.0	10/31/2024	ND	224	112	200	2.75	
DRO >C10-C28*	15900	50.0	10/31/2024	ND	224	112	200	3.89	
EXT DRO >C28-C36	3300	50.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	391 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	323 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM
	TACOMA MORRISSEY
	3122 NATIONAL PARKS HWY
	CARLSBAD NM, 88220
	Fax To:
10/29/2024	Sampling Date:

Received:	10/29/2024	Sampling Date:	10/25/2024
Reported:	10/31/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Alyssa Parras
Project Location:	ХТО		

Sample ID: SS 04 0.5 (H246568-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2024	ND	2.00	100	2.00	4.73	
Toluene*	0.483	0.050	10/30/2024	ND	2.12	106	2.00	5.86	
Ethylbenzene*	0.502	0.050	10/30/2024	ND	2.23	112	2.00	7.05	
Total Xylenes*	2.40	0.150	10/30/2024	ND	6.71	112	6.00	7.38	
Total BTEX	3.39	0.300	10/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 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	7200	16.0	10/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.4	10.0	10/30/2024	ND	224	112	200	2.75	
DRO >C10-C28*	2110	10.0	10/30/2024	ND	224	112	200	3.89	
EXT DRO >C28-C36	472	10.0	10/30/2024	ND					
Surrogate: 1-Chlorooctane	130	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	157	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:	Y		
Received:	10/29/2024		Sampling Date:	10	/25/2024
Reported:	10/31/2024		Sampling Type:	Sc	oil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Co	ol & Intact
Project Number:	03C1558562		Sample Received By:	Al	yssa Parras
Project Location:	ХТО				

Sample ID: SS 05 0.5 (H246568-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	10/31/2024	ND	2.00	100	2.00	4.73		
Toluene*	8.91	0.200	10/31/2024	ND	2.12	106	2.00	5.86		
Ethylbenzene*	15.8	0.200	10/31/2024	ND	2.23	112	2.00	7.05		
Total Xylenes*	70.4	0.600	10/31/2024	ND	6.71	112	6.00	7.38		
Total BTEX	95.1	1.20	10/31/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	312 9	% 71.5-13	4							
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	21200	16.0	10/30/2024	ND	416	104	400	3.77	QM-07	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	2290	50.0	10/31/2024	ND	224	112	200	2.75		
DRO >C10-C28*	11500	50.0	10/31/2024	ND	224	112	200	3.89		
EXT DRO >C28-C36	2080	50.0	10/31/2024	ND						
Surrogate: 1-Chlorooctane	354 9	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	232 9	% 49.1-14	8							

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name:	Ensolum, LLC							-	Т			B//	LL TO	111	2				ANA	LYSI	S R	EQUE	EST		
Project Manager		ssey							Ρ.	0. #	:												T		
Address: 3122	National Parks Hw	у							Co	omp	any	: X1	TO Energ	gy Inc.											
city: Carlsba	d	State:NM	Zip	: 8	822	0			At	tn: (Colt	on	Brown										1		
Phone #: 337	257-8307	Fax #:							Ad	Idre	ss:	310	04 E. Gre	een St.	1										
	C1558562	Project Owner	: X	то					Ci	ty: (Car	sba	ad		1		1								
Project Name:	JRU 124 Battery								St	ate:	N	N	Zip: 8822	20	1										
Project Location										none	-				1							1			
Sampler Name:	Gennar Whi	itan							Fa	x #:					1										
FOR LAB USE ONLY	Central B			Г		M	ATR	IX		PR	ESE	RV.	SAM	PLING	1										
Lab I.D.	Sample I.D.	Sample Depth (feet)	C (G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL S	OTHER :	DATE	TIME	втех	ТРН	CHLORIDE								
1	5501	0.5	G	1							1		10-25-24	1235			1								
2	5502	1	1	1									1	1240											
2 3 4	SS03 5504													1245											
			\downarrow	11			1	1			1			1250		11	11			-			-		
5	5505	V	V	V							V		1	1255	V	V	1								
							-	+	-	+		-			-		-			-	-	-	-	\vdash	\vdash
							+	+	-	-							ch								
analyses. All claims includin service. In no event shall Ca	d Damages. Cardinal's liability and cli g those for negligence and any other refinal be liable for incidental or conse g out of or related to the performance r	cause whatsoever shall be o quental damages, including	deeme without ardina	d waiv ut limit I, rega	ved unle tation, b	ess mad usiness of whet	te in wr interru	iting an ptions	nd reci	eived b	y Card or loss	inal wi	ithin 30 days afte ofits incurred by o	r completion of t dient, its subsidia	the applica aries, ise.			No	Add'l	Phone	#:	1	1		
Little	T.	10 29 24 Time: 75		a	D	n	10	0						All Result THillard	ts are e @enso	mailed lum.co	n, TMa	se prov	ide Em @ensol	nail add	dress:	mason	@enso	lum.com	1
Relinguished By	<i>r</i> :	Date: Time:	Re	ecei	ved	By:								REMARK	S: Co	st Cen	ter: 11	358310	01	Inc	ident I	D: nAPI	P24283	69219	
Delivered By: (C Sampler - UPS -	ircle One) Os Bus - Other: Co	overved Temp. °C	3.2	Sc.			In es [Y	25				ED BY: ials)	Turnarou Thermome	ter ID	113	Rus	dard Day		Cool	Intact	es O	bserve	ondition d Temp	o. °C

URM-000 R 3.2 10/07/2

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Released to Imaging: 6/27/2025 3:12:20 PM

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



December 04, 2024

BEN BELILL ENSOLUM 3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/02/24 11:30.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 01A 1' (H247297-01)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	2760	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 01B 5' (H247297-02)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 01C 6' (H247297-03)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	GC-NC
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	80.0	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	68.2	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM	
	BEN BELILL	
	3122 NATIONAL PARKS HWY	
	CARLSBAD NM, 88220	
	Fax To:	
12/02/2024	Sampling Date:	

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 02A 1' (H247297-04)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	944	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	109	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 02B 4' (H247297-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	5280	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 03A 1' (H247297-06)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	384	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 03B 6' (H247297-07)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	43.8	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 03C 7' (H247297-08)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 04A 1' (H247297-09)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	16.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 04B 7' (H247297-10)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	101	48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSO	LUM	
	BEN B	BELILL	
	3122	NATIONAL PARKS HWY	
	CARLS	5BAD NM, 88220	
	Fax To	o:	
12/	02/2024	Sampling Date:	
	04/2024	Sampling Type	

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 04C 8' (H247297-11)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	166	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	16.7	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM		
	BEN BELILL		
	3122 NATIONAL PAR	KS HWY	
	CARLSBAD NM, 8822	0	
	Fax To:		
12/02/2024		Sampling Date:	
12/04/2024		Compliant Transi	

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 05A 4' (H247297-12)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	96.6	48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/02/2024	Sampling Date:	11/26/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: BH 05B 8' (H247297-13)

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	12/02/2024	ND	2.21	111	2.00	5.42	
Toluene*	<0.050	0.050	12/02/2024	ND	2.28	114	2.00	4.01	
Ethylbenzene*	<0.050	0.050	12/02/2024	ND	2.23	111	2.00	4.04	
Total Xylenes*	<0.150	0.150	12/02/2024	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	12/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/03/2024	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	12/03/2024	ND	184	91.9	200	2.40	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	85.2	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	-abora 101 East Marland (575) 393-2326	, Hobbs, NM 8	8240)																			1		l	-
Company Nam	(575) 393-2326 ne: Ensolum, LLC	FAX (375) 393	-24/6)	-	_	_	_	-		-	-		LL TO		_	_						L	0	+	
Project Manag	er: Ben Belill								-	P.0), #	_	<u></u>	10		-	-	-	A	NAL	YSIS	RE	QUE	ST		_
Address: 3122	National Parks Hwy								-	-	_	_	~7	0.5		1										
City: Carlsbad	f -	State: NM	Zi	p: 8	822	0								O Energy Brown	Inc	1					- 1					
Phone #: 90	9 854 0852	- Fax #:		p. 0	ULL				-				-			1										
Project #: 030	1558562	Project Own	er X	то	-					-				4 E Green	n St	1					- 1					
Project Name:	JRU 124 Ba	HPNI	C1. A	10								arist	-			1										
Project Locatio	on: 32,305463	210 2 4071	4-	-	-				-1	Stat			-	Zip: 8822	0	1									1	
Sampler Name	: Joshua Boxley	102,004	77						-	Pho		#:				1									1	
FOR LAB USE ONLY		T	-	Г	г	-	IAT	RIX		Fax	-	SERV	7	SAME	LING	4										
			ΜP.				T		1	ť		JULIN	1	OAUNI	LING											
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	Ē	LUDGE	OTHER :	CID/BASE:	ICE / COOL		DATE		Chlorides	TPH	BTEX								
1	BHOLA	1	Ğ	#	0	>	S O		S	•		A	ł	DATE	TIME		1	12		-	-	_	_			
2	PHO1B	5	T	i			7	t	+	+	+	Î	t	1(.2624		N	X	I X	4	-	-	-+	_			
3	BHOIC	6	1				1	1	+	+	+	+	t		1230			+	++	-	-	-+	-	_		
4	BHOZA	1					1	1	1	1	1	1	t		1304			H		+	-	-	-	-	-	-
	BHOZTS	4					1			1		1	t		1310		-	H		+	+	-	-	-	-	
4	BHOJA	1											t		1544		1	H		+	+	-	-	-	-	-
7	BHUSB	6											t		1610		1	+		+	+	-	-	-		
89	BHO3C	7		1									Γ		1617		1	1		+	-	-	-+		-	
2	BHOYA	1		1			1								1340					-	-	-	-+			-
10	Damages. Cardinal's liability and ci og those for negligence and any other	7	C	1	- 1		21				13	1	1	126.24	110	11	24	-4-1		-	-	-	- 1	- 1		

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 17 of 17

	ie: Ensolum, LLC								1		111 70									
Project Manag	er: Ben Belill							-	P.O.		ILL TO		-	-	_	ANAL	YSIS F	REQUES	Т	
Address: 3122	National Parks Hwy							-+	_			_	-							
City: Carlsbad		State: NM	7:-								XTO Energ	gy Inc	1							
Phone #: 94	9854 0852	Fax #:	21	p: 88	3220						n Brown		4							
Project #: /)Z	01558562										104 E Gree	en St	1							
Project Name:	TO ILIDIA TO	Project Own	er: X	10				-	City:	Carls	ad			1						
Project Locatio	JRU 124 Be	utrony		1-	1			-	State	: NM	Zip: 882	20		1						
Sampler Name	Joshua Boxley	-10 3.96	927	4				1	Phon	e #:										
FOR LAB USE ONLY	Joshua Boxley		-	-	_		_	F	ax #											
			a.			MA	TRIX	-	PF	RESER	. SAN	IPLING								
Lab I.D.	Sample I.D.	Depth (feet)	S (G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	DATE	TIME	Chlorides	TPH	BTEX					
11		3	G	1		X			T	X	11.26.24	1422	\sim	V			-	+ $+$	-	
12	BH054	4	GI	1		V			T	X	11.26.24	1452	A	Ť	X			+		
13	340513	8	G	1		X				N	11.26.24	1510	X	¥	4			++		
	SHOD JUB									1			1	1	(-	++		
														-						TOTS
					-					-										-
			+		-	1	-	T												
			+	1			-													-
			11	-	-		-	+												
EASE NOTE: Liability an	d Damages, Cardinal's liability and clier g those for negligence and any other c	nt's exclusive remedy for a	try claim	arising	whether	hand		_												
vice. In no event shall Ca	rdinal be liable for incidental or conseq	uental damages, including	without I	Indate	un incention	new later	and a start	101908	sived by	Cardinal w	the amount paid thin 30 days after	t by the client for t completion of the	he e applicable							
elinguished By	g out of or related to the performance of		-	-	ess of whe	hether sa	uch clair	n is bad	sed upo	n any of the	above stated rea	isons or otherwise	£							
1	and	Date: 12-2-24 Time:	-		11			~	A	11	1/	Verbal Res All Results	are em	Yes		o Add'l Ph provide Email	one #:			
elinquished By	u u	1130			Ill	UA	1U	a	M	las	DAR	BBeli	@	ensolu	m.com,	TMorrissey@	ensolum.c	om, KThom	ason@en	solum.co
eninquistieu by		Date:	Rec	eive	d By	:					1	REMARKS								
		Time:	1									Incident: h Cost Cente				41				
elivered By: (Cir	cle One) Obs	erved Temp. *C	25	1	Sam	ple C	ondi	tion		HECK	D BY:	Turnaround	109	6091						
ampler - UPS - E	us - Other: Com	ected Temp. °C	19		Coo	In In	tact	-	6	(Initi	als)	484	(.1	Standar Rush		ol Intact	ly) Sample (Condition ed Temp.	ec.
	3.2 10/07/21		1.1		п	No	Ye	0		V		Correction F.	ID <#1	13+11			Yes Yes	s Correct		

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

Received by OCD: 4/23/2025/9758751/AM



January 02, 2025

BEN BELILL ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: JRU 124 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/31/24 12:00.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



03C1558562

XTO 32.305463-103.802747

Tamara Oldaker

Sample Received By:

Analytical Results For:

		ENSOLUM		
		BEN BELILL		
		3122 NATIONAL PARKS HW	Y	
		CARLSBAD NM, 88220		
		Fax To:		
Received:	12/31/2024		Sampling Date:	12/31/2024
Reported:	01/02/2025		Sampling Type:	Soil
Project Name:	JRU 124 BATTERY		Sampling Condition:	Cool & Intact

Sample ID: SS 06 .5' (H247800-01)

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	Qualifie
Benzene*	<0.050	0.050	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	32.0	16.0	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 07 .5' (H247800-02)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	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	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 08 .5' (H247800-03)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 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	272	16.0	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM	
	BEN BELILL	
	3122 NATIONAL PARKS HWY	
	CARLSBAD NM, 88220	
	Fax To:	
12/21/2024	Conversion of Determined	

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 09 .5' (H247800-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	48.0	16.0	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 10 .5' (H247800-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	32.0	16.0	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM	
BEN BELILL	
3122 NATIONAL PARKS HWY	
CARLSBAD NM, 88220	
Fax To:	
12/31/2024 Sampling Date:	

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 11 .5' (H247800-06)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	304	16.0	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 12 .5' (H247800-07)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	12/31/2024	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 13 .5' (H247800-08)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	224	16.0	12/31/2024	ND	432	108	400	0.00	
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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	JRU 124 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558562	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.305463-103.802747		

Sample ID: SS 14 .5' (H247800-09)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2024	ND	432	108	400	0.00	
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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 4/23/2025/9758751/AM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240



Released to Imaging: 6/27/2025 3:12:20 PM

FORM-006 R 3 2 10/07/21

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

General Information Phone: (505) 629-6116

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

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

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QUESTIONS

Action 417813

QUESTIONS				
Operator:	OGRID:			
XTO ENERGY, INC	5380			
6401 Holiday Hill Road	Action Number:			
Midland, TX 79707	417813			
	Action Type:			
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)			

QUESTIONS

Prerequisites			
nAPP2428369219			
NAPP2428369219 JRU 124 BATTERY @ 0			
Release Other			
Remediation Plan Received			
[fAPP2123052932] JAMES RANCH UNIT 124			

Location of Release Source

Please	answer	all the	questions	in	this	group.	

Site Name	JRU 124 BATTERY
Date Release Discovered	10/09/2024
Surface Owner	Federal

Incident Details

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 28 BBL Recovered: 0 BBL Lost: 28 BBL.			
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 863 BBL Recovered: 859 BBL Lost: 4 BBL.			
Is the concentration of chloride in the produced water >10,000 mg/l	No			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.			

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

QUESTIONS, Page 2

Action 417813

QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	417813	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

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

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Kailee Smith Title: Regulatory Analyst Email: kailee.smith@exxonmobil.com Date: 01/07/2025	

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 417813

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QUESTIONS (continued)	
Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	417813
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release an	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report d	emonstrating 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 vertic	al extents of contamination been fully delineated	Yes
Was this release entirely of	contained within a lined containment area	No
Soil Contamination Samplin	g: (Provide the highest observable value for each, in mil	ligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	21200
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	20840
GRO+DRO	(EPA SW-846 Method 8015M)	17540
BTEX	(EPA SW-846 Method 8021B or 8260B)	95
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.3
	NMAC unless the site characterization report includes completed melines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date w	vill the remediation commence	10/25/2024
On what date will (or did)	the final sampling or liner inspection occur	03/03/2025
On what date will (or was)	the remediation complete(d)	04/02/2025
What is the estimated surface area (in square feet) that will be reclaimed		12400
What is the estimated volume (in cubic yards) that will be reclaimed		1800
What is the estimated sur	face area (in square feet) that will be remediated	12400
What is the estimated volume (in cubic yards) that will be remediated		1800
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

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

QUESTI	ONS (continued)	
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	417813	
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		
Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the		
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	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed eff which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ises which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface a 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: Kailee Smith Title: Regulatory Analyst Email: kailee.smith@exxonmobil.com Date: 01/07/2025	

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.

Action 417813

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

QUESTIONS (continued)	
Operator: XTO ENERGY, INC	OGRID: 5380
6401 Holiday Hill Road Midland, TX 79707	Action Number: 417813
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
OI JESTIONS	

doronic		
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	Νο	

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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

417813

[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

Action Type:

QUESTIONS, Page 6

Action 417813

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QUESTIONS (continued)	
	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:

QUEST

Operator:

Sampling Event Information	
Last sampling notification (C-141N) recorded	415398
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/03/2025
What was the (estimated) number of samples that were to be gathered	18
What was the sampling surface area in square feet	3600

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. Requesting a remediation closure approval with this submission No

тю	ONS		
	6401 Holiday Hill Road Midland, TX 79707		
	6401 Haliday Hill Bood		

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

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CONDITIONS

Action 417813

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	417813
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved under the following conditions; 1. XTO must complete the excavation and removal of impacted soils until confirmation samples collected from the bottom and sidewalls of the excavation report NMOCD Closure Criteria per 19.15.29.12 NMAC has been achieved. 2. OCD approves the sampling frequency of 400 square feet (ft.2) per one (1) 5-point composite sample (5pcs) for the excavation floor samples and 200 ft.2 for the sidewall samples. 3. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, XTO must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top four (4) feet from the ground surface.	1/23/2025
nvelez	4. XTO has 90-days (April 22, 2025) to submit to OCD its appropriate or final remediation closure report.	1/23/2025

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

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QUESTIONS

Action 454718

QUESTIONS		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	454718	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2428369219
Incident Name	NAPP2428369219 JRU 124 BATTERY @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123052932] JAMES RANCH UNIT 124

Location of Release Source

Please answer all the questions in this group.
Site Name

Date Release Discovered 10/09/2024 Surface Owner Federal	Site Name	JRU 124 BATTERY
Surface Owner Federal	Date Release Discovered	10/09/2024
	Surface Owner	Federal

Incident Details

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 28 BBL Recovered: 0 BBL Lost: 28 BBL.	
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 863 BBL Recovered: 859 BBL Lost: 4 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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QUESTIONS, Page 2

Action 454718

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QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	454718	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

Initial Response		
•	of a transmitted that would reput to injury	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped True		
The impacted area has been secured to protect human health and the environment True		
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices True		
All free liquids and recoverable materials have been removed and managed appropriately True		
If all the actions described above have not been undertaken, explain why Not answered. Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of the commence remediation immediately after discovery of a release.		
actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of		
Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 04/23/2025	

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

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	454718
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	id the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination 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 milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	21200	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	20840	
GRO+DRO (EPA SW-846 Method 8015M)	17540	
BTEX (EPA SW-846 Method 8021B or 8260B)	95	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.3	
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	10/25/2024	
On what date will (or did) the final sampling or liner inspection occur	03/03/2025	
On what date will (or was) the remediation complete(d)	04/02/2025	
What is the estimated surface area (in square feet) that will be reclaimed	12400	
What is the estimated volume (in cubic yards) that will be reclaimed	1800	
What is the estimated surface area (in square feet) that will be remediated	12400	
What is the estimated volume (in cubic yards) that will be remediated	1800	
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.

Action 454718

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

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QUESTIONS, Page 4

Action 454718

QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	454718	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

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		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
to report and/or file certain release notifications and perform corrective actions for relea 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: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com	

Date: 04/23/2025 The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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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 454718

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QUESTIONS (continued)	
Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	454718
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο

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

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	454718
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	461418
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/16/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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	17200
What was the total volume (cubic yards) remediated	1400
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	6100
What was the total volume (in cubic yards) reclaimed	900
Summarize any additional remediation activities not included by answers (above)	"Excavation activities were conducted at the Site as outlined in the Work Plan to address the October 9, 2024, release of crude oil and produced water. The approved Work Plan is provided in Appendix D. Laboratory analytical results for the confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Closure Criteria and reclamation requirement, where applicable. Based on the soil sample laboratory analytical results, no further remediation is required. The excavated area will be backfilled with material purchased locally and the Site will be recontoured to match pre-existing Site conditions. The area will be reseeded with an approved BLM seed mixture and monitored for vegetation regrowth. Excavation of soil has mitigated impacts at this Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. "
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 04/23/2025

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Action 454718

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QUESTIONS, Page 7

Action 454718

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QUESTIONS (continued)		
Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380	
	Action Number: 454718	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
OUESTIONS		

Reclamation Report

nly answer the questions in this group if all reclamation steps have been completed.			
Requesting a reclamation approval with this submission	Νο		

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CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	454718
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
nvelez	None	6/27/2025

Action 454718