E N S O L U M

January 22, 2025

New Mexico Energy Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request PLU 20 Brushy Draw 124 & Poker Lake Unit 20-8 BD 105H Incident Numbers nAPP2401636864 & nAPP2405057797 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 assessment, delineation, excavation, and soil sampling activities at the PLU 20 Brushy Draw 124 and Poker Lake Unit 20-8 BD 105H (Site). The purpose of the assessment, remediation, and soil sampling activities was to assess the presence or absence of impacts to soil following a release of produced water. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing delineation and excavation activities that have occurred and requesting no further action for Incident Numbers nAPP2401636864 and nAPP2405057797.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit N, Section 20, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.1117°, -103.90534°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 6, 2024, human error resulted in the release of approximately 543 barrels (bbls) of produced water with friction reducer (FR) onto the surface of the pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 540 bbls of released fluids were recovered. Produced water is recycled through filtering and separation, then mixed in a blender with FR and used as hydraulic fracturing (frac) fluid during the well completion process. The safety data sheet (SDS) for FR is provided as Appendix A. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and an Initial C-141 Application (C-141) on January 16, 2024. The release was assigned Incident Number nAPP2401636864.

On February 5, 2024, a blender failure during frac operations resulted in the release of approximately 21 bbls of produced water onto the surface of the pad. A total of 18 bbls of released fluids was recovered. XTO reported the release to the NMOCD via NOR and C-141 on February 19, 2024. The release was assigned Incident Number nAPP2405057797.

After reviewing the C-141, initial release photographs, internal documents, and conducting interviews with XTO personnel, it was discovered the two releases occurred in the same area of the well pad and overlapped; therefore, XTO is addressing the soil impacts concurrently and the release extent mapped on Figure 2 represents both releases.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized according to 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. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on data from a soil boring drilled to investigate regional groundwater depth. In February 2020, a soil boring permitted by New Mexico Office of the State Engineer (C-4394) was completed approximately 0.5 miles west of the Site utilizing sonic drilling method. Soil boring C-4394 was drilled to a depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log is included in Appendix B.

The closest continuously flowing or significant watercourse is an intermittent dry wash, located approximately 72 feet east of the Site. Because the significant watercourse appeared in online databases to flow through the well pads, pipeline right-of-way (ROW), and lease roads (Figure 2), Ensolum personnel conducted a field investigation on October 4, 2024, to determine if the feature complies with the definition of a significant watercourse per Subsection P of 19.15.17.7 NMAC. Ensolum was able to confirm an intermittent dry wash with an established bed and bank located approximately 192 feet to the east of the release extent. The significant watercourse begins south of the pipeline ROW northeast of the Site. An erosional feature through the ROW is visible in Photo 2. A more mature cut bank with a defined bed was observed in Photo 3 and confirmed the continuation of the dry wash. Ensolum observed a manmade stormwater management feature installed near the location of Photo 4, which depicts a culvert built under the lease road, then is directed into a man-made channel that runs south along the edge of the well pad. The stormwater feature is visible in Photo 5 and in the background of that photo is the well pad, which was built approximately 6 feet above the natural grade of the area. More detailed results and photographic evidence are provided in Figure 2.

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 not underlain by unstable geology (low potential karst designation area).

Based on the results of the Site Characterization and requirements of a denial of the previous *Closure Request* by NMOCD (described in subsequent sections), 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): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On February 20, 2024, Ensolum personnel visited the Site to evaluate the commingled release extent, which was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 3. Due to ongoing operations on pad, no samples were collected during this Site visit.

On June 18 and July 11, 2024, Ensolum personnel returned to the Site to collect delineation samples. Fourteen assessment soil samples (SS01 through SS14) were collected from a depth of 0.5 feet bgs within and around the release extent. Three boreholes were advanced via hand auger within the release extent in the vicinity of SS03, SS04, and SS14 to assess the vertical extent of the release. Delineation soil samples were collected at depths ranging from 0.5 feet bgs to 3 feet bgs. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach[®] chloride QuanTab[®] test strips. The delineation soil sample locations are depicted on Figure 3. Photographic documentation was collected during the Site assessment and a Photographic Log is included in Appendix C. Field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix D.

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 constituents of concern (COC): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standards Method SM4500.

Laboratory analytical results indicated all COC concentrations in delineation soil samples SS01, SS02, and SS05 through SS13 met the Closure Criteria and reclamation requirement. Laboratory analytical results for delineation soil samples SS01, SS02, and SS14 indicated chloride concentrations exceeded reclamation requirement at 0.5 feet bgs but the terminal sample from each location was in compliance with Closure Criteria and reclamation requirement at depths ranging from 1-foot to 3 feet bgs. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix E.

EXCAVATION ACTIVITIES

Between August 16 and October 4, 2024, Ensolum personnel were onsite to oversee excavation activities. Impacted soil was excavated from the release area as indicated by visible staining, field screening activities, and laboratory analytical results for soil samples SS01, SS02, and SS14. Excavation activities were performed using heavy equipment. To direct excavation activities, Ensolum personnel field screened soil for VOCs and chloride. Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewalls and floor of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Excavation soil samples FS01 through FS82 were collected from the floor of the excavation at depths ranging from 1-foot to 4 feet bgs. Excavation sidewall soil samples SW01 through SW09 were collected from the sidewalls of the excavation at depths ranging from the sidewalls of the excavation at depths ranging from the sidewalls of the excavation at depths ranging from ground surface to 3 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures described above.

E N S O L U M

On October 8, 2024, a *Closure Request* was submitted to the NMOCD requesting no further action for the Incident Numbers nAPP2401636864 and nAPP2405057797. The *Closure Request* was denied on October 31, 2024, for the following reasons:

The Remediation Closure Report is Denied. The release will need to be remediated to the strictest closure criteria standards due to the lateral extents of the release being within 300 ft of a significant watercourse. Part 2 definition: "Watercourse" means a river, creek, arroyo, canyon, draw or wash or other channel having definite banks and bed with visible evidence of the occasional flow of water. Due to the sensitive nature of the release location and the watercourse directly east of the pad, vertical delineation should meet the strictest closure criteria standards of <50' depth to groundwater. Please review floor samples (FS63A and FS64).

Additional remediation activities were completed to address the denial, in which NMOCD determined the constructed culvert is required to be considered a significant watercourse, and are described below.

On November 20, 2024, Ensolum personnel returned to the Site to oversee additional excavation in the vicinity of excavation floor soil samples FS63A and FS64 utilizing heavy equipment. To direct excavation activities, Ensolum personnel field screened for VOCs and chloride. Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewalls and floor of the excavation. Excavation soil sample FS63B was collected from the floor of the excavation at a depth of 7 feet bgs. Excavation soil sample FS64A was collected from the floor of the excavation at a depth of 10 feet bgs. Excavation sidewall soil sample SW10 was collected from the sidewall of the additional excavation at depths ranging from 4 feet to 10 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures described above. The excavation extent and excavation soil sample locations are depicted on Figure 4.

The final excavation extent measured approximately 15,792 square feet. A total of approximately 940 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the OWL Landfill Facility in Jal, New Mexico. Manifests from the disposal are included in Appendix E.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final excavation floor soil samples, FS01 through FS39, FS40A, FS41 through FS62, FS63B, FS64B, and FS65 through FS82 and sidewall soil samples SW01 through SW10 indicated all COCs were in compliance with Site Closure Criteria. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix F.

CLOSURE REQUEST

Delineation and excavation activities were conducted at the Site to address the January 2024 and February 2024, releases of produced water with FR. Laboratory analytical results for the confirmation soil samples, collected from the final excavation extent, indicated all COCs were compliant with the Site Closure Criteria and the reclamation requirement. Based on the soil sample analytical results, no further remediation is required. XTO has backfilled the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Numbers nAPP2401636864 and nAPP2405057797.

XTO Energy, Inc Closure Request PLU 20 Brushy Draw 124 & Poker Lake Unit 20-8 BD 105H

E N S O L U M

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

Sincerely, Ensolum, LLC

Tragen Hithard

Tracy Hillard Project Engineer

Daniel R. Moir, PG (licensed in WY & TX) Senior Managing Geologist

cc: Colton Brown, XTO Kaylan Dirkx, XTO BLM

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Watercourse Survey
- Figure 3 Delineation Soil Sample Locations
- Figure 4 Excavation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Friction Reducer SDS
- Appendix B Referenced Well Records
- Appendix C Photographic Log
- Appendix D Lithologic / Soil Sampling Logs
- Appendix E Disposal Manifests
- Appendix F Laboratory Analytical Reports & Chain-of-Custody Documentation

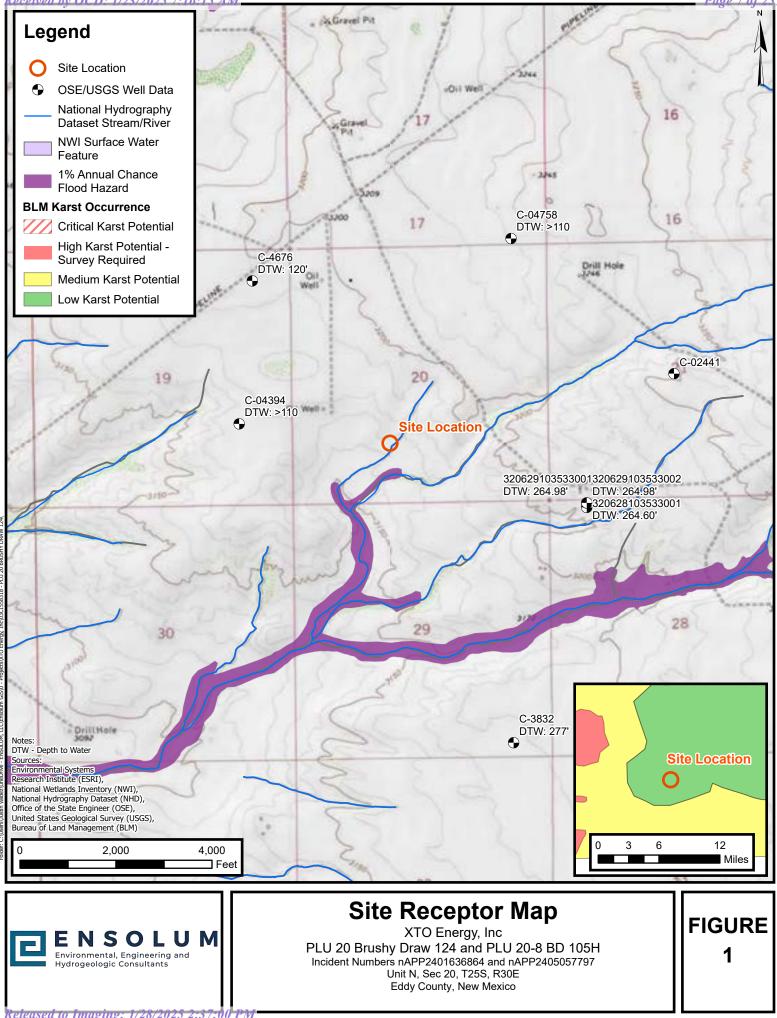


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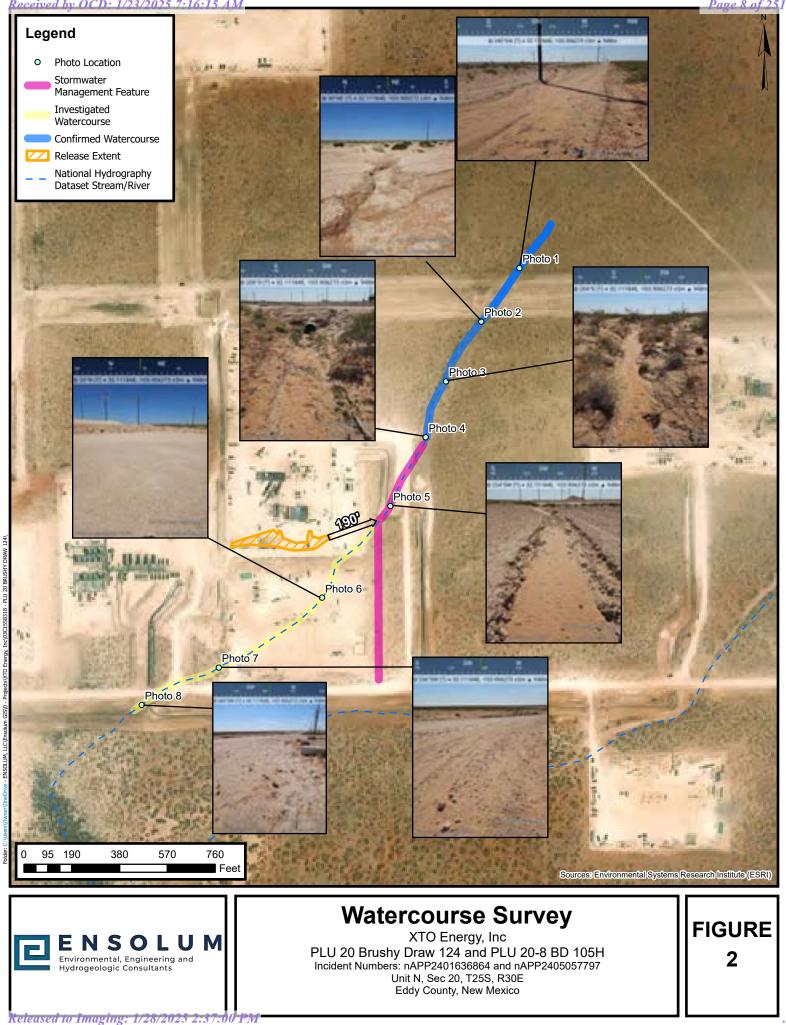
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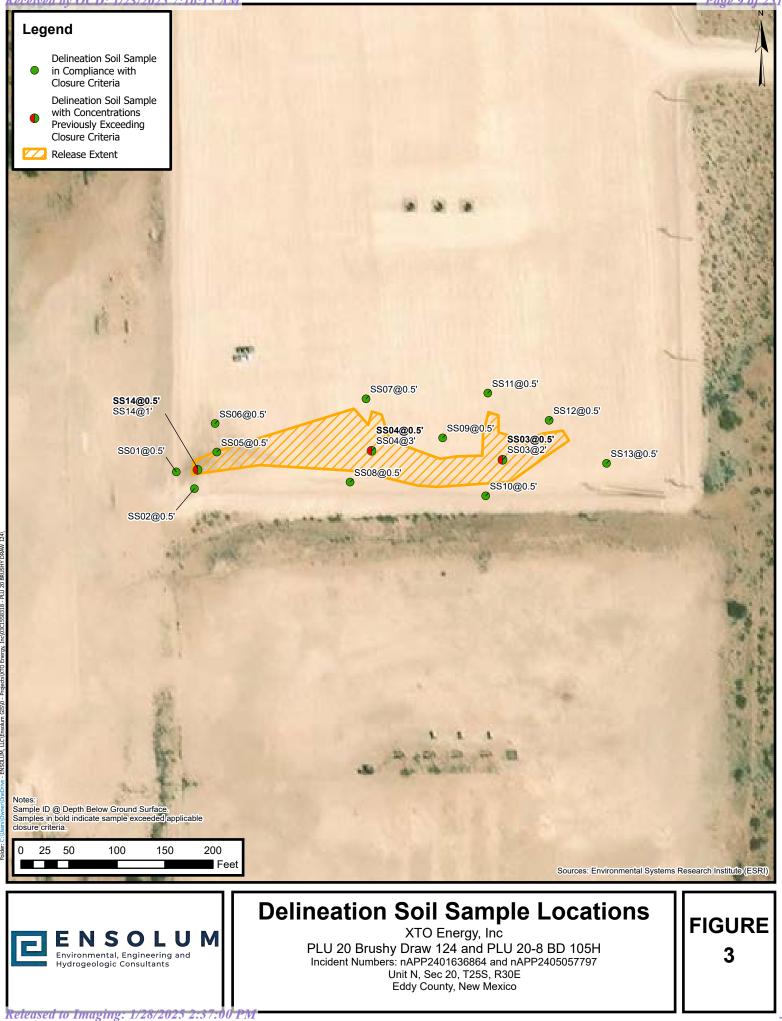


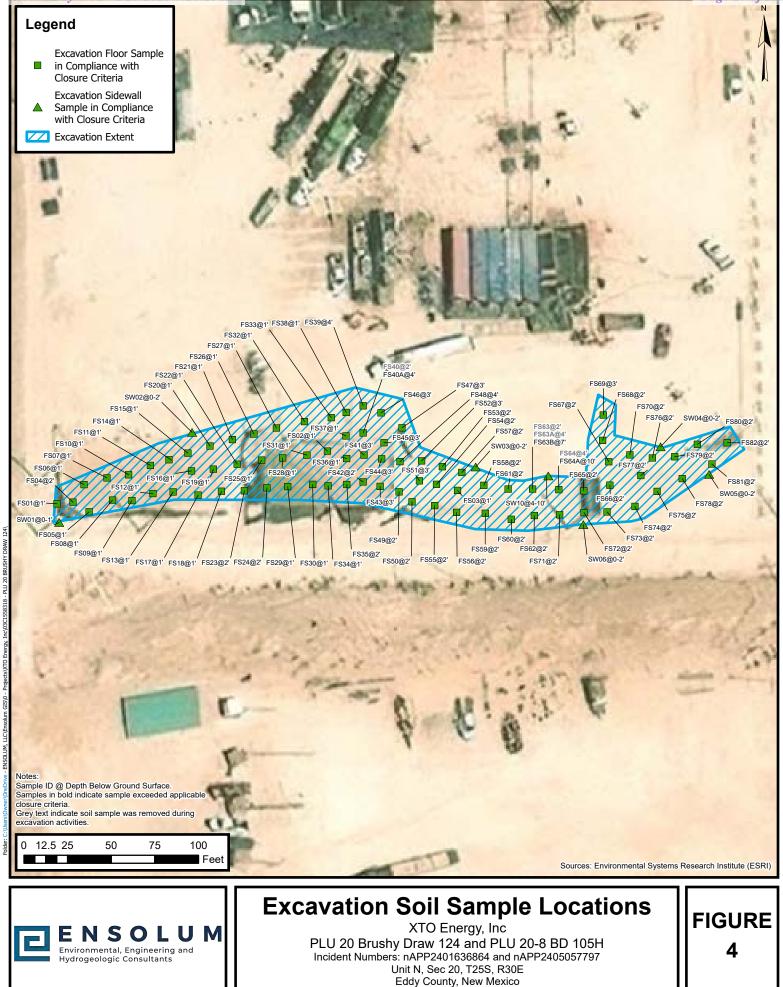
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TABLES

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TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU 20 Brushy Draw 124 & PLU 20-8 BD 105H 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 Clo	osure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
		1		Del	lineation Soil San	nples			1	I
SS01	7/11/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SS02	7/11/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
\$\$03	7/11/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,800
SS03B	7/11/2024	2	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS04	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,760
SS04C	07/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SS05	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	17.9	17.9	17.9	384
SS06	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS07	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS08	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SS09	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SS10	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SS11	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SS12	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SS13	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SS14	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
SS14A	07/11/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
					cavation Soil San	-	I	1		
FS01	8/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS02	8/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
FS03	8/16/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS04	8/21/2024	1	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS05	8/21/2024	1	< 0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS06	8/21/2024	1	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS07 FS08	8/21/2024 8/21/2024	1	<0.050 <0.050	<0.300	<10.0 <10.0	<10.0	<10.0	<10.0 <10.0	<10.0	224 320
FS08 FS09	8/21/2024	1	<0.050	<0.300 <0.300	<10.0	<10.0 <10.0	<10.0 <10.0	<10.0	<10.0 <10.0	320
FS09 FS10	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS10 FS11	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS12	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS13	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS14	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS15	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

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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	NE	100	600
FS16	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
FS17	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
FS18	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS19	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS20	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS21	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS22	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS23	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS24	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS25	9/10/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
FS26	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS27	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS28	9/10/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
FS29	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS30	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS31	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS32	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS33	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS34	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS35	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS36	9/10/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS37	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS38	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS39	9/10/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS40	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
FS40A	10/4/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS41	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
FS42	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS43	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS44	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS45	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS46	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS47	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS48	9/11/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272

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NMOCD Table I C	losure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
FS49	9/3/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS50	9/3/2024	2	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS51	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS52	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS53	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS54	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS55	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS56	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS57	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS58	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS59	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS60	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS61	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS62	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS63	9/11/2024	-2	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
FS63A	10/4/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,120
FS63B	11/20/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS64	10/4/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,480
FS64A	11/20/2024	10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS65	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS66	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
FS67	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS68	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS69	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS70	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS71	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS72	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS73	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS74	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS75	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS76	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS77	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS78	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS79	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256

Ensolum

E N S O L U M

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU 20 Brushy Draw 124 & PLU 20-8 BD 105H 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	NE	100	600
FS80	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS81	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS82	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW01	9/10/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
SW02	9/10/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW03	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW04	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW05	9/10/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW06	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW07	9/11/2024	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW08	9/11/2024	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW09	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW10	11/20/2024	4-10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

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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



APPENDIX A

Friction Reducer SDS

Issuing Date 01-Aug-2019	Revision Date 01-Aug-2019	Revision Number
1. IDENTIFIC	ATION OF THE SUBSTANCE/PREPARATIO COMPANY/UNDERTAKING	IN AND OF THE
Product identifier		
Product Name	POLYglide Xcel-200	
Other means of identification		
Product Code(s)	10497	
Synonyms	None	
Recommended use of the cher	nical and restrictions on use	
Recommended Use	No information available	
Uses advised against	No information available	
Details of the supplier of the sa	afety data sheet	
Supplier Address PfP Industries 29738 Goynes Rd. Katy, TX 77493	Manufacturer Address PfP Industries 29738 Goynes Rd. Katy, TX 77493	
Emergency telephone number		
Company Phone Number	281-371-2000	
Emergency Telephone	Chemtrec 1-800-424-9300	
	2. HAZARDS IDENTIFICATION	
Classification		
This chemical is considered haza	ardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Flammable liquids		stegory 4

Warning		
Combustible liquid		

EN / AGHS

Revision Date 01-Aug-2019

Annonnen	Onanua	Division laters Liquid	Oder Mineral Oil
Appearance	Opaque	Physical state Liquid	Odor Mineral Oil

Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

May be harmful in contact with skin Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical name	CAS No	Weight-%	Trade secret
Petroleum distillates, hydrotreated light	64742-47-8	40 - 70	1

*The exact percentage (concentration) of composition has been withheld as a trade secret.

	4. FIRST AID MEASURES
Description of first aid measures	
Inhalation	Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).
Most important symptoms and effe	cts, both acute and delayed
Symptoms	No information available.
Indication of any immediate medica	l attention and special treatment needed
Note to physicians	Treat symptomatically.

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	5. FIRE-FIGHTING MEASURES
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.
Explosion data	
Sensitivity to Mechanical Impac	
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
1 J	6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective ec	uipment and emergency procedures
Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.
Environmental precautions	
Environmental precautions	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.
Methods and material for containm	ent and cleaning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike fa ahead of liquid spill for later disposal.
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
	7. HANDLING AND STORAGE
Precautions for safe handling	
Advice on safe handling	Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation.
Conditions for safe storage, includi	ing any incompatibilities
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

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8. EXP	OSURE CONTROLS/PERSONAL PROTECTION
Control parameters	
Exposure Limits	The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.
Appropriate engineering controls	
Engineering controls	Showers Eyewash stations Ventilation systems.
Individual protection measures, si	uch as personal protective equipment
Eye/face protection	Tight sealing safety goggles.
Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Do not eat, drink or smoke when using this product. Contaminated work clothing should no be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	
Appearance	Opaque	
Color	Milky white to yellow	
Odor	Mineral Oil	
Odor threshold	No information available	
Property	Values	Remarks • Method
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	>= 67 °C / 153 °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.97 - 1.03	
Water solubility	Miscible in water	
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	≥150 mm²/s	
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	
and the second		

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Other Information	
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	5,005.00 mg/kg
ATEmix (dermal)	2,002.00 mg/kg
ATEmix (inhalation-dust/mist)	5.20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50		
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat)4 h		

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation	No information available.	
Respiratory or skin sensitization	No information available.	
Germ cell mutagenicity	No information available.	
Carcinogenicity	No information available.	
Reproductive toxicity	No information available.	
STOT - single exposure	No information available.	
STOT - repeated exposure	No information available.	
Aspiration hazard	No information available.	

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated light 64742-47-8		2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static		4720: 96 h Den-dronereides heteropoda mg/L LC50
Persistence and degrad	ability No informat	on available.		
Bioaccumulation	There is no	data for this product.		
Other adverse effects		ion available.		
	13. DIS	POSAL CONSIDERA	TIONS	
Waste treatment method	ls			
Waste from residues/un products		n accordance with local regul tal legislation.	ations. Dispose of was	te in accordance with
Contaminated packaging	g Do not reus	e empty containers.		
	14. TR	ANSPORT INFORMA	TION	
DOT	Not regulate	ed. Product does not sustain o	combustion (49 CFR 1	73.120(b)(3))
	15. RE	GULATORY INFORM	ATION	
International Inventories				
TSCA	Complies			
DSL/NDSL	Complies			
EINECS/ELINCS	Complies			
ENCS	Does not co	mply		
IECSC	Complies			
KECL	Complies			
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10497 - POLYglide Xcel-200

PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

3	SARA 311/312 Hazard Categories	
	Acute health hazard	No
	Chronic Health Hazard	No
	Fire hazard	Yes
	Sudden release of pressure hazard	No
	Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

US State Regulations

This product does not contain any substances regulated by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 2	Flammability	2	Instability 0	Physical and chemical
HMIS	Health hazards 2	Flammability	2	Physical hazards 0	Personal protection X
Issuing Date	01-Aug-2	019			
Revision Date	01-Aug-2	019			
Revision Note	No inform	ation available.			

Disclaimer

The data supplied herein is for use only in connection with occupational safety and health. The information provided in this Safety Data Sheet is believed to be correct as of the date issued. Updates to this information may be obtained by contacting (either reference contact location or website). PfP Industries MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. This information is not meant to be an all-inclusive document on worldwide hazard communication regulations. Each user of the material described herein must evaluate the conditions of use and design, many of which will be solely within the user's knowledge and control, and the appropriate protective actions, including proper notification and training of employees, necessary to prevent employee exposures, property damage or release to the environment.

End of Safety Data Sheet



APPENDIX B

Referenced Well Records



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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NO	OSE POD NO C-4394 PO	•	,		WELL TAG ID NO.			OSE FILE C-4394	E NO(S	5).				
OCATI	WELL OWNE Kyle Litttre) Energy, Inc.					PHONE (432-682						
WELL L	WELL OWNE 6401 Holid							CITY STATE Midland TX 7970'			79707	ZIP		
GENERAL AND WELL LOCATION	WELL LOCATIO (FROM GP	S)	DI TITUDE NGITUDE	GREES 32 -103	MINUTES 06 54		NDS .42 N .92 W			REQUIRED: (QUIRED: WGS		H OF A S	ECOND	
1. GEN			NG WELL LOCATION TO WINShip 25S, Range		RESS AND COMMON	LANDN	IARKS – PLS	S (SECTION	N, TO	WNSHJIP, RAI	NGE) WHE	RE AVAI	LABLE	
	LICENSE NO 166		NAME OF LICENSED	DRILLER	Shawn Cain					NAME OF V		LING CO		
	DRILLING ST 2/4/		DRILLING ENDED 2/5/20	DEPTH OF CO	MPLETED WELL (FI NA	D	1	le depth (110	(FT)	DEPTH WA	TER FIRST	r encou	NTERED (FT)	
N	COMPLETED					WATER LEVE PLETED WEL		C	DATE STATIC I	MEASURED				
ATIC	DRILLING FI	UID:	AIR	MUD	ADDITIV	ES – SPE	CIFY:				None			
DRM	DRILLING M	ETHOD:	ROTARY HAM	MER CAB	LE TOOL 🔽 OTHI	ER – SPE	CIFY:	Soi	nic		CHECK H	ERE IF I	PITLESS ADAP	
DRILLING & CASING INFORMATION	DEPTH ((feet bgl) TO	BORE HOLE DIAM (inches)	(include	MATERIAL AND GRADE each casing string, sections of screen)		CON	CASING CONNECTION TYPE (add coupling diameter)		INSIDE DIAM. THICK		NG WALL CKNESS nches)	SLOT SIZE (inches)	
G & CA	0	110	6				(add coup	mig diamed						
RILLIN														
2. D														
Į	DEPTH	(feet bgl)	BORE HOLE	LIST ANNU	JLAR SEAL MATER RANGE B			L PACK SI	ZE-		OUNT		METHO	
RIAI	FROM 110	0 0	DIAM. (inches)	*(if using Ce	ntralizers for Artesia Benton			e spacing be	elow)	`	ic feet) 3.5		PLACEM	
IATE		v			Denton						- 40 ⁰ - 240 ⁰			
AR M														
ANNULAR MATERIAL				ļ										
3. ANI												_		
(**)				1										
FOR	OSE INTER	NAL USE			· · · · · · · · · · · · · · · · · · ·			W	VR-2) WELL RE	CORD &	. L <u>OG (</u>	Version 09/2	2/2022)
	ENO.				POD NO	ų, –		Т	'RN I	NO.			1	
LOC	ATION							WELL TA	AG II	D NO			PAGE	1 OF 2

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	DEPTH (f	eet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED	- WATER	ESTIMATE
	FROM	TO	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE 2 (attach supplemental sheets to fully describe all units)	ZONES BEARING?	YIELD FOR WATER- BEARING ZONES (gpn
				See attached log	Y N	
					Y N	
					Y N	-
					Y N	
					Y N	·
ILL					Y N	
OF WELL					Y N	
6 OI					Y N	·
ILO					Y N	_
HYDROGEOLOGIC LOG					Y N	
OLC					Y N	
OGE					Y N	
NR.					Y N	
4. BY					Y N	
					Y N	
					Y N	
					Y N Y N	
					Y N	
					Y N	
					Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATE	
	PUMP			BAILER OTHER - SPECIFY:	WELL YIELD (gpm):
z	WELL TEST	TEST STAR	RESULTS - ATTA	ACH A COPY OF DATA COLLECTED DURING WELL TESTING IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOWI	G, INCLUDING DISCHARG	E METHOD, NOD.
TEST; RIG SUPERVISION	MISCELLAN	I JEOUS INF	ORMATION: Dr	y Hole, backfilled with bentonite chips.		
	PRINT NAM Brett Gresha		RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL	CONSTRUCTION OTHER	THAN LICENSE
SIGNATURE	CORRECT R	ECORD O	F THE ABOVE D	ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS W DAYS AFTER COMPLETION OF WELL DRILLING: Shawn Cain		
6. SI	_2	SIGNAT	URE OF DRILLEI	R / PRINT SIGNEE NAME	DATI	
	OSE INTERN	AL USE) WELL RECORD & LOG (version 09/22/20
	E NO.			POD NO. TRN N	ю.	

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				508 Wes	i ronment st Stevens New Mexi	s Street	Identifier MWOLC4394 Project Name	Date: 2/4/203 RP Number:				
			Comp	liance · E	ngineering	у∙ <i></i> Көтөа	liation		PLU 423	2R1-3790	2	
Lat/Long		LITHO	LOGIC	/ SOI	L SAMP		Logged By FS Hole Diameter ////	Method: SONIC				
	tal				476	110an Deptn: 110 '						
Commen	No	sam	plin	g l	tholo	<u>אר ה</u>	emar	Ks onl	Y			
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth			Lithology/Re	marks		
					1 I	 			lowac excavated			
D			2		2	- - - - -	SW-		'SAND, dry coarse-fi light brwn no odor		11	
р			N		4 - 5 - 6	-			few silty so redelish br non cohesi	ve	ts, s,	
D			. 1		7 _	-	SP	6'	SAND, dry graded, ligh brwn, fine	, poorly ht brwn - -very fine	2 5	
D			2 2		9	-	SM-8	7.5	' some mod a light brwn- rounded	onso SS		
					11 12 13	• • •	SP	12'	abundant : ss gravel?	absent	tan-ff w	vh,
D			И		14 _	- - - -		19' 21.5	abundant - (mod consol abundant - s' sandston	some	brun	rw
Δ			N		16 17		SW-S	23'	brwn-tan, consolidate	diy mget we		•
					18				absent	CIUNES		
D			М		19							
					20						8	
D			N		21 22		Ŕ					
					23							
					24							
D			N		25							

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<u> </u>										
UT Engine			Ca	508 We risbad,	ironment st Stevens New Mexi Engineering	Identifier: MWOI C 4394 Project Name: PLU 423	Date: Z/4/2020 RP Number: 2RP-2674 2 RP-3790			
		LITHO	DIAGIO	7 / 501	L SAMP	Logged By: FS				
Lat/Lon	21			. 7301	Field Scree	Hole Diameter: 44/6	Method: SONIC Total Depth:			
						4 /6	110'			
Comme	nts:						/			
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type		Litholog	y/Remarks
٩			2		26 27 28 29		SP	27.9	tan, poo fine-ver ' trace li	dry, light brwn. orly graded, y finegrey - grey ght brwn - tam
D			N		30					bbles (gravel)
D			2		31 32 33				caliche absent 5' color light 1 brwn	
m			И		34 35			33	34' abun chunk	s mod conso
m	4	84	N	ij.	36 37 38		SW-S	36	some clay reddish bru	vo, few pebbles
M		*	N	:	39 40 41				laminatio caliche,	dolomite?
ิ๗			N		42 43	2			trace, red.	ninations, dish brwn
m	Ŷ.		N		44 45 46	Z	Son Son	, –	SONSILTY SON	ge, light brwn gelight brwn
D			N	2月11日	47 48		0	48.5'	clay nodu	trace high plas es, reddish
D			7		49 <u>-</u> 50 t			•		w band, orange

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Lat/Long Commen		LITHC	Ca	508 We: Infsbad, I Mance · E	ironment st Stevens New Mexi Engineering L SAMP Field Scree	s Street co 8822 g · Remed LING L	liation OG	IdentifierDate: $2/4/2020$ Project Name:Project Name:PLU423Project Name:Clogged By: FSMethod: SonicHole Diameter: $4/6^{4}$ Total Depth:10'
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
P D			2		51 52 53 54		SP	53-54' some silty ss, poorly consolidated
m			N		55 56			55.5' color change fan - grey band (30mm)
M			N		57 58 59	¥		59.5' SILTY sand, light brwn-brwn, moist, no plas, non cohesive, no stain
M D M			2 2 2	`	60 61 62 63 64 65 66		SM sm-s	64' dark brwn color change, silty clay nodules 60' pockets of silty clay brwn-green 68' low plas clay pocket some, few low plas clay laminations
A A 3			2 2 2 2 2		67 68 69 70 71 72 73 74 75		SM	71' SILTY sand, dry, no plas, non cohesive, light brun-tan 74' trace caliche pebbles, light grey - grey

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			5 Can	.T Environmer 08 West Steve Isbad, New Me: ance · Engineeri	ns Street xico 8822			Identifier: MW0 Project Name: PLU 423	C 4394	Date: 2/4/2020 RP Number: 2RP-3796	
Lat/Long Commen	; 	LITHO	DLOGIC	/ SOIL SAMI Field Scru	PLING L		<u>D.</u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	[₩] ¹ ¹ ¹ ¹ ¹ ¹ ¹ ¹	Sample) Depth	Soil/Rock Type		Litho	logy/Rem	arks	
Δ			N	97 12 13 10 10 10 10 10 10 10 10 10 10 10 10 10	76 77 78 79	SM	76.9 82	s' trace l nodules · CIAYS, green	ow pl , red mois ish	as elay dish brwn t, brwn- grey, low , cohesive,	
D			И	\$ \$	80 81 82		851	mod SILTY	conso San	lidated	
m			N		83 84	1-5	0-1	no pla no sta	s, ni nin, l	on cohosiva, 10 odor	
D		1	N		00	sm		' color off who ' light k			
D			N		87 88 89	m-s	87'	SILTSTO W/ clay plas	DNE Doc Ke	, dry, ts, tow	
D			N		90 91		91'	· · ·		y pockets	
D			N		92 93		94.9	5' band plas (<i>.</i>	
D			М		95 0		2/5/2			nd@95' 2/4	
m			N		96 97	· `	rige p	WITTY, Coly	IN. Ca	durk brown,	
M D M			N	● ‡	98 99 100		- 19	tims, no ste ten file gran Tinger.	hin, a	and	

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LITHOLOGIC / SOIL SAMPLING LOG Lagged By Method Sample Ladiane: Field Sciencing: CRUORDES, MD Hade Diameter $n'' / 4''$ Total Depth. I/ Sector in state: and an analysis and an analysis I/ I/ Sector in state: and an analysis and analysis I/ I/ Sector in state: and analysis analysis I/ I/ Sector in state: analysis analysis I/ I/ Sector in state: analysis analysis I/ I/ Sector in state: analysis I/ I/ I/ D N I/ I/ I/ I/ N	U England	2		Cai	i08 Wes Isbad, I	st Stevens New Mexic	MWO (Project Name:	_	RP Number				
Landage Field Servering CHLORIDES, PD Hole Duration d' d'' Total Depth d'' Commenter: and going of the servering CHLORIDES, PD Hole Duration d'' Total Depth d''' and going of the servering CHLORIDES, PD begin for the servering charactering of the servering	11		LITHO	LOGIC	/ SOI	LSAMPI			Method Seat				
Commenses: $\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	Lat/Long:						Hole Diameter , //	1 11	Total Depth.				
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Comment	omments:											
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0 109 109 109 109 100	11					108			407 -	108 +	1. Set las	and well	
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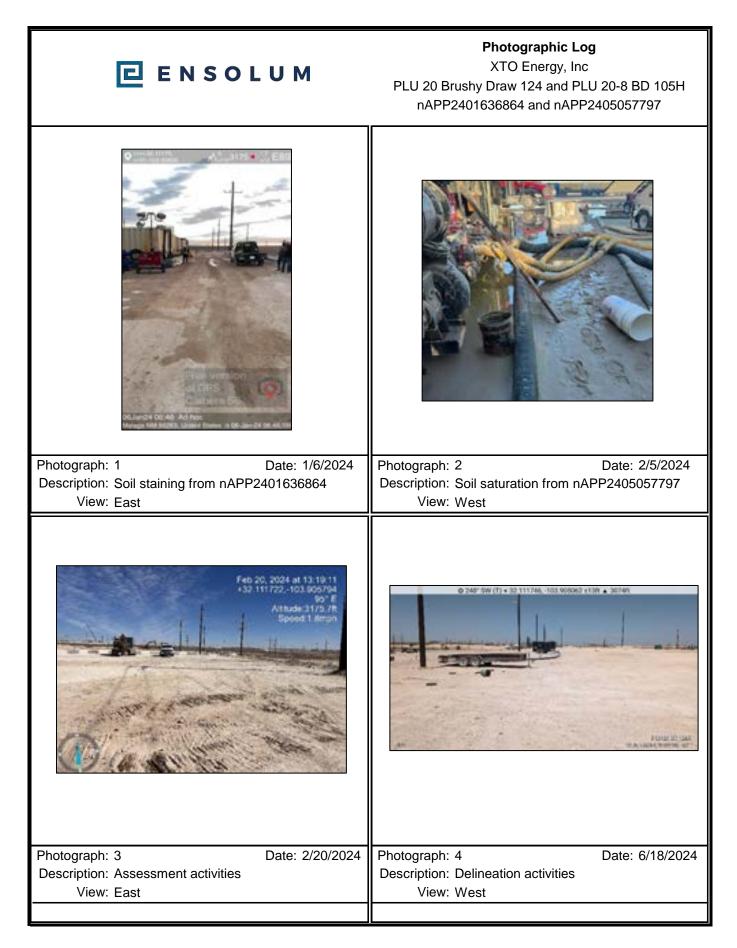
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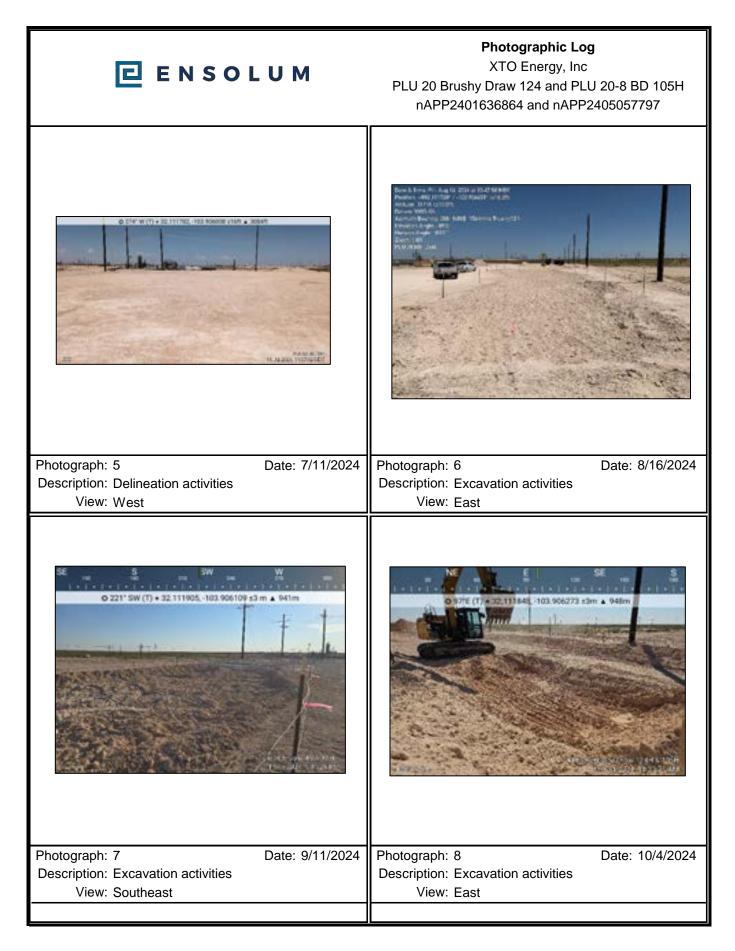


APPENDIX C

Photographic Log

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APPENDIX D

Lithologic Soil Sampling Logs

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								Sample Name: SS03	Date: 7/12/2024
-								Site Name: PLU 20 Brushy Draw 1	
			N	5	U	LU	M	Incident Numbers: nAPP2401636	
					_				004 dHu HAFF2403037797
					SAMPLING			Job Number: 03C1558318	Mathady Used Assess
Casud				-	SAIVIPLING			Logged By: JDB	Method: Hand Auger Total Depth: 2'
	inates: 32					la rida Taat (Hole Diameter: 4" PID for chloride and vapor, respec	
								on factor was included.	tively. Chionde test
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic De	
					1	0	CCHE	(0-2') CALICHE, beige, poor	ly graded, no odor
D	2,313	0	Ν	SS03	0.5	+			
М	2,850	2	Ν		1	1		(@1') some poorly graded s	sand with silt, trace clay
М	196	2.3	N	SS03B	2	_ 2 Total dep	th @ 2	foot bac	
						Total dep	un @ z	leet bgs	
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								Sample Name: SS04	Date: 7/12/2024
					~ •			Site Name: PLU 20 Brushy Dra	
			N		U	LU	M		.636864 and nAPP2405057797
	1		_					Job Number: 03C1558318	
∦			061		SAMPLING			Logged By: JDB	Method: Hand Auger
Coord		2.111780		-		. 100		Hole Diameter: 4"	Total Depth: 3'
					ith HACH Ch	loride Test (Strips and	PID for chloride and vapor, res	
								on factor was included.	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol		Descriptions
					L	0		(0-3') CALICHE, beige, po	oorly graded, no odor
D	1,760	0	Ν	SS04	0.5	Ļ			
м	4,631	0	Ν		1 -	1		(@1') some poorly grad	ed sand with silt, trace clay
					-	F			
М	2,475	0	Ν		2	2		(@2') little clay	
	124.5	~							
М	431.2	0	Ν	SS04C	3	L 3 Total de _l	l oth @ 3	l feet bgs	
\searrow						·	-	-	
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Sample Name: SS14 Date: 7/12/ Ste Name: PLU 20 Brushy Draw 124 & 105H Incident Number: 03C1558318 LITHOLOGIC / SOIL SAMPLING LOG Logged By: JDB Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depti Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depti Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depti Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. and the provide of the p	and Auger h: 2' le test
Job Number: 03C1558318 LITHOLOGIC / SOIL SAMPLING LOG Logged By: JDB Method: Ha Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depth Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. Lithologic Descriptions an tion of the tion of tion of the tion of tion of the tion of the tion of the tion of tion of the tion of tion of the tion of tion of the t	and Auger h: 2' le test no odor
Job Number: 03C1558318 LITHOLOGIC / SOIL SAMPLING LOG Logged By: JDB Method: Ha Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depth Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. ant spin of the spin of	and Auger h: 2' le test no odor
LITHOLOGIC / SOIL SAMPLING LOG Logged By: JDB Method: Ha Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depth Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. Image: Comment of the test of test strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. ant test of test of test strips of t	h: 2' le test no odor
Coordinates: 32.111729, -103.906555 Hole Diameter: 4" Total Depth Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. and the big of the	h: 2' le test no odor
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlorid performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included. an tion of box an tion	no odor
antition best for the second seco	
D 800 0 N SS14 0.5 M <162.4 0 N SS14A 1 1 1 1 1 1 1 1 1 1 1 1 1	
D 800 0 N SS14 0.5	
M <162.4 0 N SS14A 1 1 (@1') some poorly graded sand with si	ilt, trace clay
	ilt, trace clav
	,
M <162.4 0 N 2 2 2 (@2') little clay Total depth @ 2 feet bgs	
M <pre> <162.4 0 N 2 <u>1</u> 2 (@2') little clay Total depth @ 2 feet bgs</pre>	



Appendix E

Disposal Manifests

Puge 42 of 251	3889	Landfill Services, LLC A Northern Onterview data Landfa Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 r@ndblandfill.com	COMPANY MAP SIGNATURE: COMPANY MAP	Henhalter Agent's Printed Harris and	0355832	
		- Pro-40 031553	1318	DATE:	105/24	
	LEASE: Too Jun ALA	Presimilar KLY	17.35	PHONE:		-
	AFER: CONTACTOR	API: 30-	- UNS - 531	QUANTITY:	D BBLS	
	RIG NAME CLU	20 610 WELL #	12411	Series and the series of the s	20 200	
	STATE & COUNTY ORIGIN:	4 aletty			VARDS	
	Waste Description (check	only one box)	RCRA Exe	mpt 🔲	RCRA Non-Exempt	
5	Water Based Cuttings (DRV)) Water Based Cutt	and the second s	Contaminated Soll	Produced Sands	_
te	Oil Based Cuttings (DRY)	Oil Based Cutting	s (WET)	Injectable Fluids	Non-Injectable Fluids	
ie i	Oll Base Mud	Water Base Mud		Muds w/Cement	Tank Bottoms	
Generator	Rig Trash	Pit Liners		Authorize Washout?	Ves D-No	
1	Contern management and and and				LINE AND THE REPORT OF THE STORE STORES.	mer che
Ŧ	in thereby certify that according to the flex is (Check the appropriate classification)	durine Conservation and Receivery Act (IIC	100 and the US Environm	ental Protection Agency's Ady 1988 o	gulatory determination, the above described w	ante load
Part	D RCRA EXEMPT: 0	Affeld wastes generated from oil and (entifications on a per load basis only)	pas exploration and pro-	Auction operations and are not into	ed with non-compt waste (NOBL Accepts-	
-	CI RCRA NON-EXEMPT: 0	Alfield waste which is non-hazardous t			ardout by characteristics established in RCIM et D, as amended. The following documentat	
		emonstrating the waste as non-hazaed	dous is attached. (Check	the appropriate items as provided)		
		SDS Information RCIA Has	ardijus Waste Analysis	Process Knowledge C	3 Other (Provide Description Below)	
		mergency non-hasardous, non-oilfield caste determination and a description			Safety (the order, documentation of non-has	andous
	Chinii Authorizmi Agent's Rame	asso determination and a description	of that waste must acco	and the second		
		and the first strength of the second		Synature		-
17		TO BE COMPLETED BY THE T	tANSPORTER WHI	LE THE GENERATOR IS PRE	SENT	
rter	COMPANY NAME	Jenn 182 M	YARD #:	WHP #:	TRUCK #:	1
å	ADDRESS:		Grand March 1997	BOLL OFF BIN	In: TRAILER #:	1917
Transpor	DATE TIM RECEIVED: REC	E AM	DISPATCHER NAME:		DISPATCHER PHONE #:	
Line in the second	1000 950 01800	lowing statement must be sig		river prior to unleading at r		
1 2 4 5					UAL DESCRIBED IN PART 1 ABOVE	
Part 2	DRIVER:	Par in the	1-1 0	RIVER'S SIGNATURE	Car the	25
Pai		(Driver's Name Printed)		and the second se	TO THE BEST OF MY KNOWLEDGE	
	E TRANSPORTERS CIT		NUMBER OF STREET, MARK	And the second	IN THE BEAT OF MY ANDWLEDGE	-
		TO BE COMP	LETED BY OWL LA	NDFILL EMPLOYEES		
ZE	FACILITY RECEIVED AT (Check C	hne):	DATE 115		AM (PM)	
6:15 AM Facility	Northern Delaware Basin	Landfill		Contraction of the second s	AM/PM	_
16:1 Fa	2029 W. NM Highway 128			WASHOUT BY:	21	
01 ×				WASHOUT: TIME	N	-
23	ACCEPTANCE TESTING: PAINT	FILTER PASS FAIL N/A	NORM	Shake Out.	164957	
2				and the second second second second		
23/20 ispc	TCLP:	PASS TAIL N/A	TESTING:	1 2 3	and sort 1	
- Disposal Facility			100.00	н,о		
	SERVICE NOTES:	PASS TAIL N/A	Less than 50 MCR)	H ₃ O s	Gallon Test:]
		PASS TAIL N/A	Less than 30 MCh0	H ₃ O S A A A A A A A A A A A A A A A A A A A	Gallon Test:	
	SERVICE NOTES:	PASS TAIL NA PASS FAIL NA	Less than 30 MCh0	H ₃ O s have indicated way	Gallon Test:	

Page 43 of 251	OWL Landfill Se DMA Horiterin Defense 8201 Preston Rd Dallas, TX 7 214.292.2 ar@ndbland	, Suite 520 SIGNATURE - 75225 COMPANY MAI		MANIFEST # 0351728
tor	COMPANY NAME: A 1 0 LEASE: 20 B D AFE #: AP RIG NAME: STATE & COUNTY ORIGIN: Waste Description (check only one bo Waste Description (check only one bo	WELL #: <u> /2.9F</u> /	DATE: PHONE: QUANTITY: mpt RCRA M Contaminated Soli	2 32 59 BBLS VARDS Hon-Exempt Produced Sands
Part 1 - Generator	OI Base Mud OI Base Mud Other: Other: Intercept Centry that according to the Resource Conservation In (Check the appropriate classification)	erated from oil and gas exploration and pro		
	EMERGENCY NON-OILFIELD: Emergency non-ha	261.21-261.24, or listed hazardous weste an waste as non-hazardous is attached. (Check CRCRA Hazardous Waste Analysis	Process Knowledge Other Ow dered by the Department of Public Safety (the	ended. The following documentation
	(Print) Authorized Agent's Name		Dignature	
		Data		
ter	TO BE COMPL	ETED BY THE TRANSPORTER WHI	LE THE GENERATOR IS PRESENT	
orter	COMPANY NAME SOM TRX	ETED BY THE TRANSPORTER WHI	LE THE GENERATOR IS PRESENT	TRUCK #:
	TO BE COMPL	ETED BY THE TRANSPORTER WHI AACX YARD #: TICKET #: DISPATCHER	LE THE GENERATOR IS PRESENT WHP #: ROLL OFF BIN#: DIS	
2 - Transpor	COMPANY NAMEL Som TRACE	ETED BY THE TRANSPORTER WHI AM CX YARD #: TICKET #: AM DISPATCHER NAME: PM NAME: THIS VESSEL	Uputer LE THE GENERATOR IS PRESENT WHP #: ROLL OFF BIN#: DIS PHI triver prior to unloading at disposal f	TRUCK #: TRAILER #: PATCHER ONE #:
- Transpor	COMPANY NAME <u>Som TRX</u> ADDRESS: DATE TIME RECEIVED: The following statem "I CERTIFY THAT NO OTHER MATERIAL H DRIVER: <u>Malor</u> <u>Brivers Manual</u>	ETED BY THE TRANSPORTER WHI ALCX VARD #: TICKET #I AM DISPATCHER AM DISPATCHER NAME: PM NAME: THIS VESSEL UPZ	Upriver	TRUCK #: TRAILER #: PATCHER ONE #: Vacility: CRIBED IN PART 1 ABOVE."
2 - Transpor	COMPANY NAME <u>Som TRX</u> ADDRESS: DATE TIME RECEIVED: The following statem "I CERTIFY THAT NO OTHER MATERIAL H DRIVER: <u>Malor</u> <u>Brivers Manual</u>	ETED BY THE TRANSPORTER WHI ALCX VARD #: TICKET #I AM DISPATCHER AM DISPATCHER NAME: NOT NOT THIS VESSEL DEC NOT THIS MANN WFORMATION GIVEN ON THIS MANN	ILE THE GENERATOR IS PRESENT UHP #: ROLL OFF BIN#: DIS PH DIS PH DIS PH DIS	TRUCK #: TRAILER #: PATCHER ONE #: Vacility: CRIBED IN PART 1 ABOVE."
Part 2 - Transpor	COMPANY NAME <u>Som TRX</u> ADDRESS: DATE TIME RECEIVED: The following statem "I CERTIFY THAT NO OTHER MATERIAL H DRIVER: <u>Malor</u> <u>Brivers Manual</u>	ETED BY THE TRANSPORTER WHI ALCX VARD #: TICKET #I AM DISPATCHER AM DISPATCHER NAME: PM NAME: THIS VESSEL UPZ	LE THE GENERATOR IS PRESENT WHP #: ROLL OFF BIN#: DIS PHI triver prior to unloading at disposal 4 SINCE LOADING OF MATERIAL DES DRIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO THE BIN NDFILL EMPLOYEES TIME IN: TIME IN: TIME OUT:	TRUCK #: TRAILER #: PATCHER ONE #: Socility: CRIDED IN PART 1 ABOVE."
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Page 44 of 25	OWL Landfill Serv DBA Romein Detware Bask 8201 Preston Rd., S Dallas, TX 752 214.292.201 ar@ndblandfill.	uite 520 Signature: 25 COMPANY MAN		MANIFEST # 0351730
	COMPANY NAME:		DATE: 2/	
	LEASE 1 V 20 B	12	_ PHONE: 576	552-3789
	AFE #: APER(5-015-53247	QUANTITY:	□ 88LS
	RIG NAME:	WELL #: 124 H		
	STATE & COUNTY ORIGIN:			> IF YARDS
	particular sector and the sector of the sect	RCRA Exen		
5	Waste Description (check only one box) Waster Based Cuttings (DRY)	ter Based Cuttings (WET)	Contaminated Soil	Produced Sands
		Based Cuttings (WET)	injectable Fluids	Non-Injectable Fluids
E.		ter flase Mud	Muds w/Cement	Tank Bottoms
Generator	RigTrash DPit			
ų	Other:		Authorize Washout?	Yes INO
-	Therefy centry that according to the Resource Conservation and is (Check the appropriate classification)	Recovery Act (INCRA) and the US Environme	ntal Protection Agency's July 1988 regulatory d	etermination, the above described warte load
Part	D RCRA EXEMPTI Olifield wastes generate		uction operations and are not mixed with no	on exempt waste (NDBL Accepts
a	certifications on a perio	1924 1923 11		
	regulations, 40 CHI 261	21-261.24, or listed hazardous waste as c	minimum standards for waste hazanlous by sefned by 40 CFR, part 261, subpart D, as an	
		te as non-hazardous is attached. (Check 6		
	505 Information	RCRA Hazardous Watte Analysis	🗅 Process Knowledge 🔛 Other Ph	rovide Description Below)
	CI EMERGENCY NON-OILFIELD: Emergency non-hazard	ous, non-oilfield waste that has been ord		
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2	Waste determination an Print) Authentand Agent's Human TO BE COMPLETE	Date	npany (his form) Signature	
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Page 45 of 251	COMPANY MAR COMPANY MAR	Datastand Agent frieded Rame and Tales 0325374
Part 1 - Generator	Certifications on a per load basis only RCRA NON-EXEMPT Official waste which is non-hazardous that does not exceed the regulations, 40 CFB 261 21-26 1.24, or listed hazardous waste as demonstrating the waste as non-hazardous is attached. (Check SOS Information RCRA Hazardous Waste Analysis Emergency non-hazardous, non-sufficient waste that has been on waste determination and a description of that waste must account	
rter		LE THE GENERATOR IS PRESENT
- Transpo	ADDRESS:TICKET #: DATETIMEAM DISPATCHER RECEIVED:PM NAME:	ROLL OFF BIN#: TRAILER #: DISPATCHER PHONE #:
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-	TO BE COMPLETED BY OWL LA	NDFILL EMPLOYEES
7:16:15 AM sal Facility	FACILITY RECEIVED AT (Check One): DATE: 2	TIME IN: AM / PM TIME OUT: AM / PM WASHOUT IN: WASHOUT: TIME IN: TIME OUT:
Received by OCD: 1/23/2025 7:16 Part 3 - Disposal	ACCEPTANCE TESTING: PAINT FILTEJE: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES:	H ₂ H ₅ H ₅ H ₅ H ₅ H ₅ H ₅ H ₅ H ₅
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Received	White Copy: Disposal Facility Vellow: Tran	sporter Pink: Generator

Page 46 of 25.		VL Landfill Serv OBA Northern Delevery Bar 889 Maple Ave. Si Dallas, TX 752 505.231.121 ar@ndblandfill,	uite 300 19 2	COMPANY MAI SIGNATURE: COMPANY MAI	Konfietani Agents Prince	ikida wa vaw	MANIFE 03558	st # 26
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Page 47 of 25	OWL Landfill Services, LLC DMA Northern Dollware factor Landfill 8201 Preston Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com	COMPANY MAN SIGNATURE COMPANY MAN EMAIL COMPANY MAN PHONE		MANIFEST # 0325375
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1/23/2025 7:16:15 AM Disposal Facility	CRIVER CDRIVER CDR	NORM TESTING: HOR MANIFEST IS T WASH WASH	OADING OF MATERIAL DE SIGNATURE: RUE AND ACCURATE TO THE EMPLOYEES TIME IN: TIME OUT: TIME OUT: TIME IN: TIME IN: TIME IN: Shake Out: 1 2 3	SCRIBED IN PART 1 ABOVE? <u>Current Markenson</u> MEST OF MY KNOWLEDGE <u>AM / PM</u> TIME OUT: 268377 Gallon Test:
- Disposal Facility	DRIVER:	I THIS VESSEL SINCE L DRIVER'S ON THIS MANIFEST IS T D BY OWL LANDFILL DATE: WASH WASH WASH WASH WASH WASH WASH WASH	OADING OF MATERIAL DE	SCRIBED IN PART 1 ABOVE? CLAR AW MEST OF MY KNOWLEDGE AM / PM TIME OUT: -268397

Page 48 of 25.		/L Landfill Services Office Northern Delaware Basin Least 889 Maple Ave. Suite : Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	SIGNATURE: COMPANY M	No. 19	MANIFEST 4 0.355827	
			and the second se	DATE:	089104 1-4	
	LEASE:leat			PHONE:		_
	AFE #:				BBLS	
	RIG NAME:	1 2- RYD V	10LL m _ 124 H		20 0	
	STATE & COUNTY ORIG	IN:	dalay		YARDS	
100	Waste Description (ch	eck only one box)	RCRA Ex	empt 🔲	RCRA Non-Exempt	
Generator	Water Based Cuttings (ed Cuttings (WET)	Contaminated Soil	Produced Sands	
in the second se	Oil Based Cuttings (DR)		Cuttings (WET)	Injectable Fluids	Non-Injectable Fluids	
-ue	Oil Base Mud	U Water Bar	e Mud	Muds w/Cement	Tank Bottoms	
Ŭ	Rig Trash Other:	Pit Liners		Authorize Washout?	Ves DLNG	
-	Thereby certify that according to the	Resource Conservation and Recover	ry Act (RCRA) and the US Inviron	mental Protection Agency's July 1998 reg	ulatory determination, the above described v	and a based
Part	It (Check the appropriate classificate ET RERA EXEMPT:	ent			d with non-exempt waste 0408L Accepts	
à		certifications on a per-load bas	is only)			
	CI ACRA NON-EXEMPTI	regulations, 40 CFR 261,21-261	24, or listed hazardous waster.	et defined by 40 CFR, part 261, subpart	dous by characteristics established in BCR D, as amended. The following documenta	A Non
		demonstrating the waste as no	n-hazardous is attached. (Che	k the appropriate items as provided)		1943
		D SDS Information D R	CIIA Hazardous Waste Analysis	Process Knowledge	Other (Privide Description Below)	
	CI EMERGENCY NON-OUTIELD	Emergency non-hazardous, no waste determination and a des	- witheld waste that has been a	induced by the Department of Public S responses this form)	afety (the onler, documentation of non-ha	andous
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	And the second se	TO BE COMMUNICATED BY	THE OWNER WHEN THE OWNER	Statement of the local division of the		-
ter		TO BE COMPLETED BY		ILE THE GENERATOR IS PRES	INT	
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O	COMPANY NAME:	Xon ier M	and the second	WHP #:	TRUCK #:	-
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anspo	ADDRESS:		TICKET #:	ROLL OFF BIN		1. Fr
- Transpor	ADDRESS:	TIME	TICKET #: AM DISPATCHER PM NAME: the signed by the truck	ROLL OFF BIN	TRAILER #:	1
1.1	ADDRESS:	TIME RECEIVED:	TICKET #: AM DISPATCHER PM NAME: be signed by the truck PLACED IN THIS VESSE	ROLL OFF BIN driver <u>prior</u> to unloading at di	DISPATCHER PHONE #: sposal facility: AL DESCRIBED IN PART 1 ABOVE	
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- Disposal Facility Part 2 -	ADDRESS:	TIME RECEIVED: following statement must HER MATERIAL HAS BEEN (Driver's Name Printed) CERTIFY THAT THE INFORMA TO BE (k One): sin Landfill 128 Jal, New Mexico 88: INT FILTER PASS FAIL LP: PASS FAIL X: PASS FAIL	TICKET #: AM DISPATCHER PM NAME: be signed by the truck PLACED IN THIS VESSE MET TION GIVEN ON THIS MAN COMPLETED BY OWL L DATE: DATE: 252 N/A N/A N/A Date: than 50 MCR	ROLL OFF BIN driver ptiot to unloading at di L SINCE LOADING OF MATERI DRIVER'S SIGNATURE; WEST IS TRUE AND ACCURATE TO ANDFILL EMPLOYEES TIME IN: TIME IN: TIME OUT: WASHOUT BY: WASHOUT BY: WASHOUT BY: TIME IN Shake Out: 1 2 3 H ₂ O S	TRAILER #: DISPATCHER PHONE #: sposal facility: AL DESCRIBED IN PART 1 ABOVE CALAN AND THE BEST OF MY KNOWLEDGE	

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L A R		- (r-71) -		6	PHONE		
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R		MARF240 1	in the that		PHONE:	All the state of the	
	AFE # 1 01621	API:	300- 0	5 -53 2 41	OUANTITY:		8815
	RIG NAME: PL-V	28 60	WELL #:	1241-	Part announces an an a		
S	STATE & COUNTY ORIGI			200010-000		E	-YARDS
	Waste Description (che			RCRA Exe	mot 🔲	RCRA Non-Exempt	
5	Water Based Cutlings (DI		Vatar Based Cuttin	and the second division of the second divisio	Contaminated Soll	Produced Sa	nda
Generator	Oil Based Cuttings (DRY)		II Based Cuttings (The second s	Injectable Fluids	Non-Injectat	ske Fluids
e	Oil Base Mud	D v	Vater Base Mud		Muds w/Cement	Tank Bottom	
8	Big Trash	D P	it Liners		Authorize Washout?		
2421	Other:					Yes -No	the second s
2	I hereby certify that according to the F is Otheck the appropriate classification	esocece Conservation a 0	nat Becomery Act (BCIV	d and the US Environm	ental Protection Agency's July 1988	regulatory determination, the above	e described wate loa
Part	ED ROBA EXEMPTI	Oilfield wastes gener certifications on a per	ated from oil and gas r load basis resivi	exploration and pro-	Netion operations and are not mi	load with non-exempt waste (HD	AL Accepts
1000	RCRA NON-EXEMPT)	Oilfield waste which i regulations, 40 CFR 3	n non-hazardous tha 61.21-261.24, or liste	d hazardous waste as	minimum standards for waste ha defined by 40 CFR, part 261, subp	set 0, as amended. The following	lished in RCRA g documentation
		D 505 Information		n is attached. (Check Inus Waste Analysis	the appropriate items as provided Process Knowledge	0	
		G and an	U ISLAN ALIZAN	an mase energin		D contraction of the contraction of	Marky
1	EMERGENCY NON-OILFIELD	Driengency non-haza waste determination	rdout, non-oilfield w and a description of	aste that has been on that waste must acco	deted by the Department of Publi- means this form)	c Safety (the order, documentati	on of non-hazardous
1	Viet) Authorized Agent's Name	10.00000000000000000000000000000000000			lignature -		
and in				-			
م ا ت و				NSPORTER WHI	LE THE GENERATOR IS PRE	ISENT	
	COMPANY NAME:	Yem Tes	Mex	YARD #:	WHP #:	TRUCK #	
d A	DDRESS:			TICKET #1	ROLL OFF BI		n <u>- 12,99</u>
		ME ICEIVED:	AM PM	DISPATCHER NAME:		DISPATCHER PHONE #:	
-Transpor	105-000-000	11 (S. 1997) (S. 1997)			river prior to unloading at		
	"I CERTIFY THAT NO OTH	ER MATERIAL HA	S BEEN PLACED	IN THIS VESSEL	SINCE LOADING OF MATE	RIAL DESCRIBED IN PART	T ABOVET
Part 2	RIVER:	Ada	HAU	0	RIVER'S SIGNATURE:	Carl	in the
E	L (TRANSPORTER), C	(Driver's Name Print	(end)		EST IS TRUE AND ACCURATE	TO THE REPT OF AN INCOME	I FOLD
			NORSENING STREET, NORSENING	Non-Children and Andreas Street	a management of the state of the	TO THE REST OF MIT RHOW	LEDDE
			TO BE COMPLE	TED BY OWL LA	NDFILL EMPLOYEES		
₽ M	ACILITY RECEIVED AT (Check	One):		DATE:		AM/	
E n	Northern Delaware Basi	n Landfill				n AM7	PM
2	2029 W: NM Highway 12		dico 88252		WASHOUT BY	35 - 374 20124	
10					WASHOUT: TIME	IN: TIME OU	t)
Disposal Facility	CCEPTANCE TESTING: PAIN	T FILTER: PASS	FAIL N/A	NORM	Shake Out		
ls.	TCLI	PASS	FAIL N/A	TESTING:	1 2 3	- 10 G = 10	
o b	TOX	PASS	FAIL N/A		н,о		U
	ERVICE NOTES:			(Less than 50 MCR)	5	Gallon Tes	dī
E Th	his is to certify that:	Employee	Printed Name)		n received the above indicated was		
2		18	1.11.1	the"	cifity and the waste has been dispos	und of in an outhersold masseur at	a permitted site.
1154	THE R. S. P. LEWIS CO., LANSING MICH.						

251	
Page 50 of 25.	OWL Landfill Services, LLC DitA. Insertners Delaware Basin Landfill Services, LLC DitA. Insertners Delaware Basin Landfill Sci Company Man. <u>A.B. V. K. (1)</u> DitA. Insertners Delaware Basin Landfill Sci Company Man. <u>A.B. V. K. (1)</u> DitA. Insertners Delaware Basin Landfill Sci Company Man. <u>A.B. V. K. (1)</u> O349750 O349750
	214.292.2011 ar@ndblandfil.com
	COMPANY NAME: XTO PIU 20 PD 1044 DATE 9-19.24
	LEASE: Mandad No an 2016 36564 PHONE:
	AFE #: BEQUEATE SOLO 12-22242 QUANTITY: BBLS
	STATE & COUNTY ORIGIN: Lea N.M. WELL #: CECTRE COLICATION
	Waste Description (check only one box)
*	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
- Generator	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-injectable Fluids
a l	Oll Base Mud Water Base Mud Muds w/Cement Tank Bottoms
-e-	Rig Trash Pit Liners
9	Other: Authorize Washout? Yes Too
5	I haveby cently 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 1	ACRA EXEMPT Olifield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (hDBL Accepts
•	certifications on a per load basis only) RCRA NON-EXEMPT: Olifield waste which is non-hazandous that does not exceed the minimum standards for waste hazandous 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 peoulded)
	🗆 SDS Information 📄 RCRA Hazardous Waste Analysis 📄 Process Knowledge 📄 Other (Provide Description Below)
	EMERGENCY NON-OIL/FELD: Emergency non-hazardous, non-alifield 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 Agents Name _ EALLY_ KUTD Data Hereine
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME: TOUR TELE YARD #: WHP #: TRUCK #: 27
ò	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: 23.7
	DATE TIME AM DISPATCHER DISPATCHER
Transpor	RECEIVED: RECEIVED: PM NAME: W///c Wit/c PHONE # 258/205.075.71
100	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."
52	DRIVER: Guetava Ruiz DRIVERS SIGNATURE:
Part 2	(Driver's Name Printed)
	L (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY RNOWLEDGE
	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
7:16:15 AM al Facility	FACILITY RECEIVED AT (Check One): DATE:ATIME IN:AM / PM
	Northern Delaware Basin Landfill
Fai	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY
2.7	WASHOUT: TIME IN: TIME OUT
1/23/2025 7: Disposal	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out: 0/5500
0151 0151	TCLPI PASS FAIL N/A TESTING 1 2 3 2000
i a	TOX: PASS FAIL N/A H2O
t J	SERVICE NOTES: Gallon Test: Gallon Test: Gallon Test:
Part.	Ingleyed (Fridged Name) Intervent of a dove intervent of a dove intervent of an authorized in
Received by OCD: Part 3-	FACILITY RECEIVED AT (Check One): DATE:
25	White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Page 51 of 251	OWL Landfill Services, LLC Data Northern Determine Real Landfil Son Preston Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com OMPANY MAN EMARL: OMPANY MAN PHONE: OMPANY
	COMPANY NAME: XTO PLU 20 RD 194/14 DATE: DIF: 2-19-24 LEASE: LUCI degul / ANopp 240/6269944 PHONE: PHONE: DUANTITY: DBULS AFE #: Rig NAME: Luci degul / ANopp 240/6269944 OUANTITY: DATE: DATE: 24 STATE & COUNTY ORIGIN: Loo ALLY DATE: DATE: DATE: 24 Waste Description (check only one box) RCRA Exempt RCRA Exempt RCRA Non-Exempt
1 - Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soli Produced Sands Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-injectable Fluids Non-injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms Pit Liners Other: Yes No
Part 1	In CPACK the appropriate classification? In RCPA EXEMPT: Olifield wastes: generated from oil and gas exploration and production operations and are not inteed with non-exempt waste (NDBL Accepts certifications on a per load basis only) In RCPA EXEMPT: Olifield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCPA regulations, 40 CPR 261, 21-261, 24, or listed hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation demonstrating the waste as ron-hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation demonstrating the waste as ron-hazardous Waste Analysis Information RCPA EXEMPT: Intergency non-hazardous, non-olifield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous) Intergency non-hazardous, non-olifield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous) Intergency non-hazardous in the public safety (the order, documentation of non-hazardous) Intergency non-hazardous in the public safety (the order, documentation of non-hazardous) Intergency non-hazardous in the public safety (the order, documentation of non-hazardous) Intergency non-hazardous in the public safety (the order, documentation of non-hazardous) Intergency non-hazardous in the public safety (the order, documentation of non-hazardous) Intergency non-hazardous in the public safety (the order, documentation of non-hazardous) Intergency intervence in the public safety (the order, documentation of non-hazardous) Intergency intervence inte
rter	waste determination and a description of that waste must accompany this form! Press Advents huma Mail Advents huma TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:
-Transport	ADDRESS:TICKET #:ROLL OFF BIN#:TRAILER #: DATETIMEAM DISPATCHER DISPATCHER DISPATCHER PHONE #:PHONE #:PHONE #:
Part 2	DRIVER: <u>Gueran Kunc</u> (Driver's Name Printed) I, (TRANSPORTER), CERTIEV THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
1/23/2025 7:16:15 AM Disposal Facility	FACILITY RECEIVED AT (Check One) DATE O/ 1/ 0/ 1 TIME IN: 2020 AM / PM Northern Delaware Basin Landfill Northern Delaware Basin Landfill AM / PM 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY: TIME IN: TIME IN: TIME OUT:
ġ.	ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that
Received by OC	EMPLOYEE SIGNATURE: White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Page 52 of 251	OWL Landfill Services, LLC Data Institute Delaware Basin Landfill Services, LLC Data Institute Delaware Basin Landfill Services, LLC Dallas, TX 75225 214.292.2011 ar@indblandfill.com O
- Generator	COMPANY NAME: XTO PLU 30 BD (BGH) DATE: 9-19-30 LEASE: LEASE: LEASE: Magge SHOL636 D CH PHONE: AFE #: Count of the count o
Part 1	Hereity certify that according to the Resource Contervation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste lead is (Check the appropriate dissibilization) RCRA EXEMPT; Otheld 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 EXEMPT; Otheld waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.31-261.34, 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): SOS information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below) SOS information RCRA Hazardous and a description of that waste must accompany this form) remember of Public Safety the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)
Part 2 - Transporter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME:
Disposal Facility	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
Received by OCD: 1/23	FACILITY RECEIVED AT (Check One): DATE:

51	*****	***************************************
Page 53 of 25.	OWL Landfill Services, LLC	COMPANY MAN A 121 Y Roth
Se S	BIA Herthern Delaware Basin Lambia 8201 Preston Rd., Suite 520	SIGNATURE
Pag	Dallas, TX 75225	COMPANY MAN EMAIL 0343405
- 1	214.292.2011	
	ar@ndblandfill.com	COMPANY MAN PHONE
1	COMPANY NAME: XTO	DATE: 8-19-29
	LEASE: PLU20 BD124 H	PHONE:
	AFE #Bajec (10301558318 API: 30-015-	-53242 QUANTITY: BBLS
	RIGNAME: Release: 1-6-302 Well + 60	21666211001 20 20
	STATE & COUNTY ORIGIN Acidente APP2401	200 VARDS
	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt
- Generator	Water Based Cuttings (DRY) Water Based Cuttings	
P	Oil Based Cuttings (DRY) Oil Based Cuttings (W	
ĉ	Oll Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
ß	Pit Liners	Authorize Washout? 🗖 Yes 🗐 No
	Other	
E E	Thereby certify that accending to the Resource Conservation and Recovery Act (RCRA) a Is (Check the appropriate classification)	and the US Environmental Protection Agency's July 1988 regulatory determination, the above described wasta load
Part	RCRA DXEMPT: Official wastes generated from oil and gas e orrUfications on a per load basis only)	oploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
	1 Statistics and a second s Second second s Second second se	toes not exceed the minimum standards for waste hazardows by characteristics established in BCRA
	regulations, 40 CFR 261,21-361,34, or listed I	hazardous waste as defined by 40 CFR, part 261, subpart 0, as amended. The following documentation is attached. (Check the appropriate items as provided)
	SDS Information ERCRA Hazandor	
	EMERGENCY NON-OLFIELD: Emergency non-hazardous, non-olfield was waste determination and a description of the	te that has been ordered by the Department of Public Safety the order, documentation of non-hazardous at waite must accompany this form)
	(Print) Authorized Agent's Name	Care Signature
	TO BE COMPLETED BY THE TRAN	SPORTER WHILE THE GENERATOR IS PRESENT
ier	COMPANY NAME: Som TOXMEX	YARD #: WHP #: TRUCK #:
	ADDRESS:	TICKET #1 ROLL OFF BIN#: TRAILER #: 03.0.9
9	DATE TIME AM	DISPATCHER
Transpor	RECEIVED: PM	NAME: Willy Vieler PHONE #: 492-209-0551
	The following statement must be signed	I by the truck driver prior to unloading at disposal facility:
Part 2-		N THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
놂	DRIVER: Corry Keimer	DRIVER'S SIGNATURE: Contraction Statement
à	(, ITRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN	N ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
And the second	TO BE COMPLET	ED BY OWL LANDFILL EMPLOYEES
7:16:15 AM al Facility	FACILITY RECEIVED AT (Check One):	DATE TIME IN: AM / PM TIME OUT: AM / PM
20	Northern Delaware Basin Landfill	
19 19	2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT BY:TIME OUT
57	- A STATE THE STORE A CONTRACT WITH MALE PROVIDED AND	mashoots time in time bott
Disposal	ACCEPTANCE TESTING PAINT FILTER: PASS FAIL N/A	NORM Shake Out
123	TCUP: PASS FAIL N/A	TESTING: 1 2 3 Have
1.0	TOXI PASS FAIL N/A	Less than 10 H ₃ O
m OC	SERVICE NOTES: ALACLED	MCTD 5 Gallon Testr
by d	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 disponed of in an authorized manner at a permitted size.
Received by OCD: Part 3 -		
ecei	White Copy: Disposal Facility	DATE IME IN: AM / PM TIME OUT: AM / PM WASHOUT BY: AM / PM WASHOUT BY: AM / PM WASHOUT: TIME IN: AM / PM NORM AM / PM AM / PM MASHOUT: TIME IN: TIME OUT: NORM
×		

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Page 54 of 25	OWL Landfill Services, LLC DAA Hardhein Defenser Basis Landfill Son Preston Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@indblandfill.com OWANY MAN EMAIL: OMPANY MAN PHONE: OMPANY
	COMPANY NAME: XTO DATE 8-19-24
	LEASE: PLUJORDIJYH PHONE:
	AFE Project: 0301558318 API: 30-015-53292 QUANTITY: BBLS
	AFE Rojact.0301558318 API: 30-015-53292 QUANTITY: BBLS RIG NAME: Rolasse: 1-6-302 WELL #:00-16663/104 20 00
	STATE & COUNTY ORIGIN A CITERT APPJ 401636864
Bas	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
Generator	Water Based Cuttings (DRV) UNAter Based Cuttings (WET) Contaminated Soil Produced Sands
E	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Muda w/Cement Tank Bottoms
Ē	Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms Pit Liners
	Authorize Washout? Yes Avio
-	Thereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's Adv 1968 regulatory determination, the above described watte load
Part 1	In (Check the appropriate classification) D PICRA EXEMPT: Olifield wastes generated from oil and gas exploration and production operations and are not mised with non-exempt waste (NDB). Accepts
å	certifications on a per load basis only
	RCRA NON-EXEMPT Orifield 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 201, subpart 0, 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 Balow)
	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) Autorized Agent's Name Date Bigrature
1	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME: SOM TOX MOX YARD #: WHP #: TRUCK #: 39
õ	ADDRESS: TICKET #; ROLL OFF BIN#: TRAILER #: @ 5 0.17
벌	DATE TIME AM DISPATCHER DISPATCHER
Transpor	RECEIVED: RECEIVED: PM NAME: VIIII VIICICE PHONE #: 439.001-035
1.12	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."
5	
Part 2	DRIVER: COMPANY IS CONTROL DRIVER'S SIGNATURES CONTROL STATUS
	I, (TRANSPORTER), CENTIFY 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	FACILITY RECEIVED AT (Check One): DATE: DA
7:16:15 AM I Facility	TIME OUT: AM / PM
9:1:9	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY:
7:1	WASHOUT: TIME IN: TIME OUT:
1/23/2025 7: Disposal	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:
SP 23/2	TCLP: PASS FAIL N/A TESTING. 1 2 3 3/ 21/ (0(0
No	TOX PASS FAIL N/A H,O
8m	SERVICE NOTES: CI 1 A O 0 P A BANK BANK S Gallon Test:
Part:	This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this
ed l	tocking and the waste has been deposed of main outhorized manner at a permitted site.
Received by OCD: Part 3 - [EMPLOYEE SIGNATURE:
Re	This serve and the server and the se

Page 55 of 251		L Landfill Services, LLC DAA Marihem Datamate Bastin LandM D1 Preston Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com	COMPANY MAI SIGNATURE: COMPANY MAI	(Adherized Apple's Prented Hame i i EMAIL)	SIG 1967 (S. 1997)	FEST #
	COMPANY NAME	XTO		DATE:	9-29	
	LEASE PLU20	and the second		PHONE:	10 - 24 W	
	AFE Projectio3/15	1-6-2024 WELL #6	-53242	QUANTITY:		BBLS
	RIG NAME Release:	1-6-2024 WELLES	C.1666311	001	20	448 A
	STATE & COUNTY ORIGI	IncidentinAPP240K	36864			YARDS
	Waste Description (che	A Designed and the second s		mpt	RCRA Non-Exempt	
5	Water Based Cuttings (D			Contaminated Soil	Produced Sary	ds
	Oil Based Cuttings (DRY)	Oil Based Cuttings	(WET)	Injectable Fluids	Non-Injectable	e Fluids
ē	Oil Base Mud	Water Base Mud		Muds w/Cement	Tank Bottoms	(M
Generator	🔲 Rig Trash	Pit Liners		Authorize Washout?	Ves El-No	
1	Other:		_		freed total freed total	·
F	In (Check the appropriate classification	Nexource Concervation and Necovery Act (NCR/ N	Q and the US Embrane	ental Protection Agency's July 1968	regulatory determination, the above	described waste load
Part	D RCRA EXEMPT:	Officid wastes generated from oil and gas certifications on a per load basis only)	exploration and pro-	luction operations and are not m	ixed with non-exempt waste 0xD8	L Accepts
	E RCRA NON-EXEMPTI	Offield wests which is non-hazardous tha regulations, 40 CFR 261,21-261,24, or liste	d hazardous waste as	defined by 40 CFR; part 261, subj	lart D, as amended. The following-	hed in RCRA documentation
		demonstrating the waste as non-hazardor	is is attached. (Check Ious Waste Analysis		d) Other (Provide Description Bel)	aw1
	T EMERGENCY NON-OILFIELD.	Emergency non-hazardous, non-oilfield w waite determination and a description of	aste that has been on that waste must acco	dered by the Department of Publi mpany this form)	ic Safety (the order, documentation	n of non-hazardous
	Print Authorited Agent's Name		Date	lignature		
1	An allower and the second second	TO BE COMPLETED BY THE TRA	NED OF TER WUN	ETHE GENERATOR IS BUT	FERNY	
ter	COMPANY MADE SOM	TexMex				29
F	ADDRESS:	reconce	TICKET #:	ROLL OFF B	A STATE OF A	
<u>Ş</u>	Contraction of the second s		DISPATCHER	ROLL OFF D	DISPATCHER	
Transport		ECEIVED: PM	NAME: 1/2	illy Wieler	PHONE #: 5/32	209-0851
Ē,	The	following statement must be sign	ed by the truck d	river prior to unloading at	disposal facility:	
	construction of the second second second	ER MATERIAL HAS BEEN PLACED			HIAL DESCHIPED IN PART	1 ABOVE.
Part 2	DRIVER: CORDY	(COLUME) (Driver's Name Provided)		PRIVER'S SIGNATURE:	agan you	et l
9	I, (TRANSPORTER), O	ERTIFY THAT THE INFORMATION GIV	'EN ON THIS MANU	EST IS TRUE AND ACCURATE	TO THE BEST OF MY KNOWL	EDGE
-		TO BE COMPLE	TED BY OWL LA	NOFILL EMPLOYEES		
16:15 AM Facility	FACILITY RECEIVED AT (Check	(One):	DATE: D	HAAL TIME IN:	1223 AM/I	
12	Northern Delaware Bas			WASHOUT BY		
5 7:16	2029 W. NM Highway 1	28 Jal, New Mexico 88252		and the second	IN: TIME OUT	1
0: 1/23/2025 7:16:15 - Disposal Faci	ACCEPTANCE TESTING: PAIL TCL TOX	P: PASS FAIL N/A	NORM TESTING	Shake Out:	, asur	50
Sm	SERVICE NOTES:	MINDLIN	(Less than 50 MCR)	S	Gallon Test	1
by O	This is to certify that:	Employees (Printed Name)	h	n received the above indicated wa	ete, waste has passed all acceptants wed of in an authorized manner at a	es tenting of this
Received by OCD:	EMPLOYEE SIGNATURE:	a Constanting	NO.	need and any many registration galled		Protocol and a line
ecei		White Copy: Disposal Facility	Yellow: Tran	sporter Pink: General	tor	
×				No. of Concession, Name		

51	
Page 56 of 25	OWL Landfill Services, LLC Disk interno Delaware Ratio Laovill Schware Ratio Laoville S
	$\frac{\text{COMPANY NAME}}{B(1122, RD + 0.001)} \xrightarrow{X + 0} \text{DATE} \xrightarrow{X - 20 - 29}$
	LEASE: PCO TO BD 129 H PHONE:
	AFE Bajert: 0351558318 API: 30-015-53242. QUANTITY: BBLS
	RIG NAME: Release: 1-6-3024 WELL #50166631100 20 20 VARDS
	STATE & COUNTY ORIGIN Decident on APP3401636864
-	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
Se la	Water Based Cuttings (DIIY) Water Based Cuttings (WET) Get Contaminated Soil Produced Sands Oil Based Cuttings (DIIY) Oil Based Cuttings (WET) Diffectable Fluids Non-injectable Fluids
ers	Oil Based Cuttings (DITY) Oil Based Cuttings (WET) Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
5	□ Rig Trash □ Pit Liners
- Generator	Other: Authorize Washout? Tes Store
	Thereby centry that according to the Resource Conservation and Recovery Act (RCRA) and the US Contronmental Protection Agency's July 1988 regulatory determination, the above described waste load is Check the appropriate classification?
Part 1	D RENA EXEMPT: Olifield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts
a.	Certifications on a per load basis only! D RCRA NON-EXEMPTI Olificid waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in BCRA.
	regenerations. 40 CFR 201 21-201.24, or listed hazardous waste as defined by 40 CFR, part 261, subject 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-ORFIELD: Emergency non-hazandous, non-pilled waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazandous waste determination and a description of that waste must accompany this form)
	Divisit Authorized Agent's Name Date Date Standard
1 200	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME: SEATEX NEX YARD #: WHP #: TRUCK #: 39
ò	ADDRESS: TICKET #1 ROLL OFF BIN#: TRAILER #: 4304
뒇	
Transpor	RECEIVED: PM NAME: <u>W////////////////////////////////////</u>
100	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."
5	DRIVER CORDY BEIMER DRIVER'S SIGNATURE: CAR C. Day
Part 2	(Delver's Name Printed)
120	L (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
Z.	FACILITY RECEIVED AT (Check One): DATE TIME IN:AM / PM
7:16:15 AM	Northern Delaware Basin Landfill TIME OUT: AM / PM
16:	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY:
Salls	
U23/2025 7:16:15 AM Disposal Facility	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A NORM Shake Out:
0.173	TCLP: PASS FAIL N/A TESTING 1 2 3 265707
äm	SERVICE NOTES: VII VIA GO HASS FAIL N/A Less than 50 S Gallon Test:
OT	This is to certify that: MCRU has recovered the above indicated waste, were has passed affected to a fing
Part	Employee (Printed Name) Employee (Printed Nam
Received by OCD: Pairt 3 -	FACILITY RECEIVED AT (Check One): DATE DATE </th
e	White Copy: Disposal Facility Yellow: Transporter Pink: Generator

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Page 57 of 251	OWL Landfill Services, LLC Disk Numbers Determine Internet Bach Numbers Determine Internet Bach Numbers Determine Internet Bach Numbers Determine Internet Bach Numbers Determine Determine Internet Bach Numbers Determine COMPANY MAN EMAIL: COMPANY MAN EMAIL: COMPANY MAN PHONE: Determine Security	
	COMPANY NAME: A 1 C DATE: 8 20 4 4	
	LEASE: PLOJOBDIJGH PHONE:	
	APE Parect: 03C1558318 API: 30-015-53242 QUANTITY: BBLS	
	BIG NAME: Release: 1-6-2024 WELL 6 51666311001 000 -/	
	STATE & COUNTY ORIGIN & APPLYO1636864	05
	Waste Description (check only one box)	
5		
- Generator	Oil Based Cuttings (DRV) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids	
ler	Vater Base Mud Uter Base Mud Uter Base Mud Tank Bottoma	
-	Pit Liners	
9	Authorize Washout? Yes Yo	
100	 Iterative carries that according to the features of contentation and features Act (ICIA) and the US Instrumental Protection Accord to the USE statement of the according to the feature of the according to the according to the feature of the according to the according	d wante load
Part	DREA EXEMPT Olifield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste 0x00L Accept	£1
•		
	PCRA NON-EXEMPT. Otheld waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in the regulations, 40 CPR 261,21-261,24, or listed hazardous waste as defined by 40 CPR, part 361, subpart D, as amended. The following docume	ICRA Intellion
	demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)	
	🗅 5DS Information 📄 RCRA Hazardous Waste Analysia 📋 Process Knowledge 📋 Other (Provide Description Below)	
	EMERGENCY NON-OLFIELD: Emergency non-hazardous, non-olifield waste that has been ordered by the Department of Public Salety the order, documentation of non	hazardous
	waste determination and a description of that waste must accompany this form)	
	One Signature	-
in a	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT	
tter	COMPANY NAME: Sentex Mex YARD #: WHP #: TRUCK #:	9
õ	ADDRESS:	04
Ist	DATE TIME DAM DISPATCHER	inter.
Transport	RECEIVED: RECEIVED: PM NAME: <u>Willy Wie/c-t</u> PHONE #: <u>422-207</u>	-08:57
1.00	TICERTIES THAT NO OTHER MATERIAL HAS BEEN IN ACTO IN THIS RESEL ENCLOSED OF MATERIAL DESCRIPTION DESCRIPTION	A/E *
5	DRIVER: COLINY Reiliger DRIVER'S SIGNATURE: Con & Struct	
Part 2	DRIVER: COPILY Reilder DRIVER'S SIGNATURE: Copile Struct	
	L (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	
7 7	FACILITY RECEIVED AT (Check One): DATE: 2/20/24 TIME IN: 30 AM /PM-	Vd
SAL	TIME OUT: AM / PM	-100
7:16:15 AM Facility	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal. New Mexico 88252	
N mm	WASHOLTE TIME IN TIME OUT	225
: 1/23/2025 7: Disposal	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A NORM Shake Out	8/21
23/2	ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/A NORM	
	TCX: PASS FAIL N/A H,O	
3m	SERVICE NOTES: VIIV 0 K7 Basis than 50 5 Gallon Test:	
Part:		y of this
Received by OCD: 1/23/2025 Part 3 - Disposa	facility and the writte has been disposed of in an authorized manner at a permit	Released to Tunoino- 1/28/2025 2:37-00 PM
ceiv	EMPLOYEE SIGNATURE:	
Re	White Copy: Disposal Facility Yellow: Transporter Pink: Generator	Rel

Page 58 of 25	820 820	Landfill Services, LL DA Northern Deleaser Batic Landfil D1 Preston Rd., Suite 520 Dallas, TX 75225 214,292,2011 ar@ndblandfill.com	COMPANY MAI SIGNATURE _ COMPANY MAI COMPANY MAI	Vahorized Agent's Provided Name and V EMAIL:	MANIFEST # 0343406
	COMPANY NAME:	ATU		DATE:	0-24
	LEASE PLUDO	60124 H		PHONE:	
	AFE Project: 03C/S	58315 APR 30-0. 9:1-6-2024 WELL	15-53292	QUANTITY:	BBLS
	DIG NAMAES Rateras	0:1-6-2024 WELL	50-1666241	201	
	ETATE & COLUMN ORIGIN	NotidentinAPP2	101626865	-	YARDS
	prover sealing and the second s	A State of the International State of the International State of the	Second Statement of Statement		
	Waste Description (che	in the second	RCRA Exe		RCRA Non-Exempt
Generator	Water Based Cuttings (DI Oil Based Cuttings (DRY)			Contaminated Soll	Produced Sands
E a	Oil Base Mud	Water Base Mu		Muds w/Cement	Non-Injectable Fluids Tank Bottoms
Ē	Big Trash	Pit Liners		Mads w/Cemern	
	Other			Authorize Washout?	Yes No
-	Thereby certify that according to the I	Mesource Conservation and Recovery Act	ACIAI and the US Environm	untal Protection Agency's July 1960 re	gulatory determination, the above described waste load
Part 1	To 4Check the appropriate classification TO RCRA EXEMPT:		d max exclosionistics and prote	Author manations and size of edge	ed with non-exempt waste 0406L Accepts
ä		certifications on a per load basis only			
	E BCRA NON-EXEMPT:	Olifield waste which is non-hazardou resultations, 40 CFB 261,21,261,24, or	s that does not exceed the listed hazardous waste as	eminimum standards for waste haar defined by ADCEE, part 261, solva	indicus by characteristics established in RCRA rt D. as amended. The following documentation
		demonstrating the waste as non-haz			
		G SDS Information G RCRA H	azandous Waste Analysis	Process Knowledge	Other (Provide Description Below)
	E EMERGENCY NON-OILFIELD:	Emergency non-hazardous, non-oilfe	rid waste that has been or	deced by the December of Public :	Safety Ofe order, documentation of non-hazardous
		waste determination and a description	in of that wastic must acco		
	(Print) Authorized Agent's Name	waste determination and a description	in of that waste must acco		
	Print) Automated Agent's Nerre	TO BE COMPLETED BY THE	Date	impany (his form) Signature	
ter		TO BE COMPLETED BY THE	Date	Ingany (his form) Signature — LE THE GENERATOR IS PRES	HNT 200
		TO BE COMPLETED BY THE	TRANSPORTER WHI	In the form) Signature LE THE GENERATOR IS PRES WHP #:	ient truck #:
		TO BE COMPLETED BY THE	Date	Ingany (his form) Signature — LE THE GENERATOR IS PRES	TRUCK #: 39 TRUCK #: 39
	COMPANY NAME: Serie	TO BE COMPLETED BY THE	TRANSPORTER WHI	In the form) Signature LE THE GENERATOR IS PRES WHP #:	ient truck #:
Transport	COMPANY NAME: Source ADDRESSI DATE T RECEIVED: R	TO BE COMPLETED BY THE	TRANSPORTER WHI	ILE THE GENERATOR IS PRES	TRUCK #: 39 TRUCK #: 39 DISPATCHER PHONE #: 432-209-085/ Bisposal facility:
- Transport	COMPANY NAME: Series	TO BE COMPLETED BY THE	TRANSPORTER WHI	ILE THE GENERATOR IS PRES WHP #: ROLL OFF BIN HIVE DELOTE TO UNLOADING OF MATER	EENT TRUCK #: 37 DISPATCHER PHONE #: 452-209-085/ Esposal facility: IJAL DESCRIBED IN PART 1 ABOVE."
- Transport	COMPANY NAME: Source ADDRESSI DATE T RECEIVED: R	TO BE COMPLETED BY THE $T \in X : M \in X$ IME \square AM ECCEIVED: \square PM following statement must be so TER MATERIAL HAS BEEN PLAN REIMEL	TRANSPORTER WHI	ILE THE GENERATOR IS PRES	TRUCK #: 39 TRUCK #: 39 DISPATCHER PHONE #: 432-209-085/ Bisposal facility:
Transport	COMPANY NAME: Sort	TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE AM IME AM ECCEIVED: AM AM Following statement must be a IER MATERIAL HAS BEEN PLAN REIMEN REIMEN (Driver's Name Printed)	TRANSPORTER WHI	ILE THE GENERATOR IS PRES	EENT TRUCK #: 37 DISPATCHER PHONE #: 452-209-085/ Esposal facility: IJAL DESCRIBED IN PART 1 ABOVE."
- Transport	COMPANY NAME: Sort	TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE AM AM ECEIVED: AM AM Following statement must be a IER MATERIAL HAS BEEN PLAN RECIMENT (Driver's Name Printed) CERTIFY THAT THE INFORMATION	PHE TRANSPORTER WHI YAJID #: TICKET #: DISPATCHER NAME: //// Jgned by the truck d CED IN THIS VESSEL CED IN THIS VESSEL	ILE THE GENERATOR IS PRES	ENT TRUCK #: 37 TRUCK #: 37 DISPATCHER PHONE #: 452-209-085/ REPOSAL FACILITY: HAL DESCRIBED IN PART 1 ABOVE: Concerned TO THE BEST OF MY KNOWLEDGE
Part 2 - Transport	COMPANY NAME: Series ADDRESS:	TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COM	TRANSPORTER WHI	ILE THE GENERATOR IS PRES UP THE GENERATOR IS PRES WHP #: ROLL OFF BIN ROLL OFF BIN SINCE LOADING OF MATER DRIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE T NOFILL EMPLOYEES	ENT TRUCK #: 37 TRUCK #: 37 DISPATCHER PHONE #: 452-209-085/ REPOSAL FACILITY: HAL DESCRIBED IN PART 1 ABOVE: Concerned TO THE BEST OF MY KNOWLEDGE
ity Part 2 - Transport	COMPANY NAME: Sort	TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COM	PHE TRANSPORTER WHI YAJID #: TICKET #: DISPATCHER NAME: //// Jgned by the truck d CED IN THIS VESSEL CED IN THIS VESSEL	ILE THE GENERATOR IS PRES UP THE GENERATOR IS PRES WHP #: ROLL OFF BIN ILE THE GENERATOR IS PRES WHP #: ROLL OFF BIN ROLL O	ENT TRUCK #: 37 TRUCK #: 37 DISPATCHER PHONE #: 452-209-085/ REPOSAL FACILITY: HAL DESCRIBED IN PART 1 ABOVE: Concerned TO THE BEST OF MY KNOWLEDGE
ity Part 2 - Transport	COMPANY NAME: Series ADDRESS:	TO BE COMPLETED BY THE TO BE COMPLETED BY THE TO BE COMPLETED BY THE ME ME ME ME ME ME ME ME ME M	TRANSPORTER WHI	In the form) ILE THE GENERATOR IS PRES LE THE GENERATOR IS PRES WHP #: WHP #: ROLL OFF BIN I//Y Mic/c/- INVERTS SIGNATURE: FEST IS TRUE AND ACCURATE T NOFILL EMPLOYEES INTE IN: TIME IN: TIME OUT:	ENT TRUCK #: 37 TRUCK #: 37 DISPATCHER PHONE #: 452-209-085/ REPOSAL FACILITY: HAL DESCRIBED IN PART 1 ABOVE: Concerned TO THE BEST OF MY KNOWLEDGE
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Page 59 of 251		OWL Landfill Services, LLC Ownerstein Gebeure Basin Landfill Dallas, TX 75225 214.292.2011 areindblandfill.com
	Part 1 Generator	COMPANY NAME:
		(Print) Aufbarbeit Agent), Name Date Date
10		TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
	ter	
	ă	ADDRESS:TICKET #:ROLL OFF BIN#:TRAILER #: DATETIMEAMDISPATCHERDISPATCHERDISPATCHERDISPATCHERDISPATCHER
	Transpor	DATE TIME AM DISPATCHER IN LIGIOT DISPATCHERS
	Part 2 - Tr	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: David Wall Statement must be signed by the truck driver prior to unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility: DRIVER: David Wall Statement must be signed by the truck driver prior to Unloading at disposal facility of the truck driver by the truck driv
. 5		TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
:15 AM	Facility	FACILITY RECEIVED AT (Check One): DATE:
		2029 W. NM Highway 128 [Jat, New Mexico 88252 WASHOUT: TIME IN TIME OUT
0: 1/23/2025 7:16:15 AM	- Disposal	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A TOX: PASS FAIL N/A TESTING: TESTING: H_10 H_20
CL	m	SERVICE NOTES: MCIU Callon Test:
Received by OCD:	Part	This is to certify that:
ece		White Copy: Disposal Facility Yellow: Transporter Pink: Generator
R		

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Page 60 of 251	OWL Landfill Services, LLC	COMPANY MAN A 22 VALUE AND MANIFEST #
Se (IGNATURE
Pa	Dallas, TX 75225	COMPANY MAN EMAIL 1/1/1 0307853
	214.292.2011	COMPANY MAN PHONE COMPANY MAN PHONE
	ar@ndblandfill.com	
	COMPANY NAME X TO	DATE: 2-17-24
	LEASE PLUZO B B 124	
	and a subscription of a first statement of the second statement of the	PHONE:
	AFE # 0000000 5 C15585 KP: 50-015-	2.3.52.7.54 QUANTITY: BBLS
	BIGNAMENTALL JUL 6 565 WELL & SK	20 I YARDS
	STATE & COUNTY ORIGINE C. 16 10 10 11 100	
	Waste Description (check only one box)	RCRA Exempt RCRA Non-Exempt
Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soll Produced Sands
Te	Oil Based Cuttings (DRV) Oil Based Cuttings (WE	0 injectable Fluids INon-injectable Fluids
e e	2 Oil Base Mud U Water Base Mud	Muds w/Cement Tank Bottoms
a B	B Rig Tresh D Pit Liners	Authorize Washout? Yes 🕞 No
	, Other	
臣	Interesty certify that according to the Resource Conservation and Resource Act (RCRA) and is (Check the appropriate classification)	the OS Environmental Protection Agency's July 1988 regulatory determination, the above described waterload
Part	CERA EXEMPT: Official workes generated from oil and gas exp certifications on a per load basis only!	loration and production operations and are not mixed with non-exempt waste (NDBL Accepts
1	RCAA NON EXEMPTI Olifield waste which is non-hazardous that doe	a not exceed the minimum standards for waste hazardous by characteristics established in RCRA
	regulations, 40 CFR 261,21-261,24, or listed has	andous waste as defined by 40 CFR, part 261, subpart D, as amonded. The following documentation stoched. ICheck the appropriate items as provided:
	S55 Information D HCRA Hazandous	
	D EMERGENCY NON-OLFIELD	
	waste determination and a description of that	that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste must accompany this form)
	(Print) Authorized Agent's Name	Dete Bigrature
	TO BE COMPLETED BY THE TRANSP	PORTER WHILE THE GENERATOR IS PRESENT
ter	I Research and the second state of the seco	
		ARD #: WHP #: TRUCK #; //
G.		
ue.	RECEIVED: RECEIVED: PM	INSPATCHER 109 DISPATCHER 2090851
- Transpor	The following statement must be signed b	y the truck driver <u>prior</u> to unloading at disposal facility;
		THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART J ABOVE
Part 2	DRIVER: David Wall 8/19/2	ONT DRIVER'S SIGNATURE: Depter April
0	(Divers 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
		IATE:
WH		TIME OUT: AM / PM
16:15 AM Facility	Northern Delaware Basin Landfill	WASHOUT BY
·16	2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT: TIME IN: TIME OUT:
1/23/2025 7:16:15 AM Disposal Facility	5	
p0	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A	NORM Shake Out: TESTING: 1 2 3 265/26
CIS 23	TCLP: PASS FAIL N/A. TOX: PASS FAIL N/A	HONDON
		Less than 10 C C Concerns the second se
Part 3		MCID Pattorn Test:
2.0	Incloses Princestand	facility and the waste has been disposed of in an authorized manner at a permitted site.
20		
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:	Yellow: Transporter Pink: Generator

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Page 61 of 25	8201	andfill Services, LLC Harthern Delaware Birth Landki Preston Rd., Suite 520 Dallas, TX 75225 214,292,2011 @ndblandfill.com	COMPANY MAN SIGNATURE: COMPANY MAN COMPANY MAN		MANIFEST # 0307855]
		10	71	DATE:	17-24	_
	LEASE: PLU 20	1 BB 124	H	PHONE:		
	APEN: act OSCISSX.	618 APR -015-	5.5-240	QUANTITY: _	B8L5	
	RIG NAME TO 2PP. 240	1636864 weiten	edsel/ed	22.24	20 DY YARDS	
	STATE & COUNTY ORIGIN:	1666 31	1001			
	Waste Description (check	only one box)	RCRA Exe	mpt 🔄	RCRA Non-Exempt	
tor	Water Based Cuttings (DRY)			Contaminated Soll	Produced Sands	
Bra	Oil Based Cuttings (DRV)	Oil Based Cuttings	(WET)	Injectable Fluids	Non-Injectable Fluids	
GDé	Oil Base Mud	Water Base Mud Pit Liners		Muds w/Cement	Tank Bottoms	
- Generator	D Other:			Authorize Washout?	Yes 🖾 No	
÷	I hereby certify that according to the Reac is (Check the appropriate classification)	urce Conservation and Recovery Act (RCR/	A) and the US Environm	ental Protection Agency's July 1988 res	pulatory determination, the above described waste los	al .
Part 1	D RCRA EXEMPTE 0		s exploration and pro-	duction operations and are not mixe	id with non-exempt watte (NDBL Accepts	
Q		intifications on a per-load basis only! Mold waste which is non-bacantous the	e along not exceed the	minimum standards for waste base	ndous by characteristics established in RCRA	
		guistions, 40 CFR 261,21-261,24, or liste emonstrating the waste as non-hazanto	id hazardous waste as	defined by 40 CFR, part 261, subpar	t D, as amended. The following documentation	
			dous Waste Analysis		Other (Provide Description Below)	
	D EMERGENCY NON-DIL/IELD	Constant of the Second Second States	arts that has been or	decird for the Constraint of Bublic	isfely (the order, documentation of non-hazardou	
		este determination and a description of				
	OverO Authorized Agent's Name		Date	Signature		<u>.</u>
1		TO BE COMPLETED BY THE TR/	ANSPORTER WHI	LE THE GENERATOR IS PRES	Int	
-ter	COMPANY NAME: 50 37)	Tex Mex	YARD #:	WHP #	TRUCK # 50	
ē	ADDRESS:	and a state where the second	TICKET #:	ROLL OFF BIN		
Su	DATE TIM RECEIVED: REC	E AM EIVED: D PM	DISPATCHER NAME: 1/	11 Walor	DISPATCHER PHONE #232-209080	-1
Part 2 - Transpor	ENGINE MUSI	lowing statement must be sign	Statistics and statistics		second	-
à					IAL DESCRIBED IN PART 1 ABOVE	
t	DRIVER: DJUID	NOIL SAG	120-24 I	DRIVER'S SIGNATURE:	ADI Wall	
Å	I, (TRANSPORTER), CEI	(Driver's Name Printed) TTIFY THAT THE INFORMATION GO	VEN ON THIS MAN	FEST IS TRUE AND ACCURATE I	TO THE BEST OF MY KNOWLEDGE	
		TO BE COMPL	ETED BY OWL LA	NDFILL EMPLOYEES		
	FACILITY RECEIVED AT (Check O	nel:	DATE	1 De TIME IN-	STOS ANTIM	
AA.				TIME OUT:	AM / PM	00
6:15 ac	Northern Delaware Basin 2029 W. NM Highway 128			WASHOUT BY		
7:1	and the territy is a	Long control of the second		WASHOUT: TIME I	N TIME OUT:	
1/23/2025 7:16:15 AM Disposal Facility	ACCEPTANCE TESTING: PAINT	FILTER: PASS FAIL N/A	NORM	Shake Out	alconn.	
/23/	TCLP	PASS FAIL N/A	TESTING:	1 2 3	2655022	
CD: 1	TOX	PASS FAIL N/A	Lens than 50	H,0 /1 / / /	Energy and a	
t OC	SERVICE NOTES: This is to certify that:	Burger	MCR0	and a property of the second s	Gallon Test:	
d by O Part		Employee (Mintel Marrie)			of in an authorized manner at a permitted site.	
Received by OCD: 1/23/2025 7:16:15 AM Part 3 - Disposal Facility	EMPLOYEE SIGNATURE:	Market Commence	. Parata and an	And a second	4	
Rec		White Copy: Disposal Facility	y Yellow: Tra	isporter Pinki Generato		

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Page 62 of 25.	214.292.2011 ar@ndblandfill.com	Charloster Aglants Honsee Hanna and Thes Control 1 1 Control 1 Control 1 1
	COMPANY NAME:	DATE:
	LEASE: 12000001291	PHONE:
	AFE/#101827-036/5583/8API: 20-0/5-53	DYD QUANTITY: BBLS
	RIG NAME CC1666211001 WELPECTERSE	16.1
	STATE & COUNTY ORIGIN: Inc. dr. J-MAPP - 4016	REAL AND VARDS
		Exempt RCRA Non-Exempt
*		Contaminated Soil Produced Sands
Generator	Oil Based Cuttings (DRY) Oil Based Cuttings (WET)	Injectable Fluids Injectable Fluids
in the second se	Oll Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
E	D Rig Trash	
9	2 Other	Authorize Washout? 🔲 Yes 🖾 No
		Monwental Protection Agency's July 1988 regulatory determination. The above described waite load
Part 1	CREA EXEMPT Criffield wastes generated from oil and gas exploration as	d production operations and are not mixed with non-exempt waste (NDBL Accepts
à	The second se Second second s Second second se	and the second
		ed the minimum standards for waste hazardous by characteristics established in RCRA site 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)
	SOS Information GRCRA Hazandous Waste Ana	lysis 📋 Process Knowledge 📋 Other (Provide Description Below)
		een ordered by the Department of Public Safety (the order, documentation of non-hazandous
	waste determination and a description of that waste mu	il accompany this form)
	(Print) Authorized Agent's Name Gate	Signature
	TO BE COMPLETED BY THE TRANSPORTER	WHILE THE GENERATOR IS PRESENT
tër	COMPANY NAME: STM YARD #:	WHP #: TRUCK #: 54
ō	ADDRESS: TICKET #	ROLL OFF BINE: TRAILER #: @ 3.0.5
夏	DATE TIME AM DISPATCI	HER DISPATCHER
Transport	RECEIVED: RECEIVED: PM NAME: _	W. 114 (1-1010 PHONE # 432-201053
Ę		
N	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VE	
Part 2	DRIVER: 1 + 7 1 & 11 2 1 d et	DRIVER'S SIGNATURE:
a	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS	MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
-	TO BE COMPLETED BY OW	AL LANDFILL EMPLOYEES
AM	FACILITY RECEIVED AT (Check One): DATE:	TIME OUT: AM / PM
7:16:15 AM Il Facility	Northern Delaware Basin Landfill	WASHOUT BY:
		WASHOUT: TIME IN TIME OUT:
20.	ACCEPTANCE TESTING PAINT FILTER: PASS FAIL N/A NORM	Shake Out: 7 (-57/02
1/23/2025 7: Disposal	TCLP: PASS FAIL N/A TESTING TOIC PASS FAIL N/A	
	diets that	H ₂ O
t m	SERVICE NOTES: MCR This is to certify that:	Gallon Test:
art of	Employee (Pristed Name)	— has received the above inducated maste, maste that passed of acceptances testing of this
ived	EMPLOYEE SIGNATURE:	1
Received by OCD: 1/23/2025 Part 3 - Disposs	White Copy: Disposal Facility Yellow	TIME IN: AM /PM TIME OUT: AM /PM WASHOUT BY: WASHOUT: TIME IN TIME OUT. Shake Out: TIME OUT: TIME OUT. Shake Out: TIME OUT: TIME OUT. Shake Out: TIME OUT. Shake Out: TIME OUT. Shake Out: TIME OUT. Shake Out: TIME OUT. Shake Out: TIME OUT.
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Page 63 of 251		Landfill Services, LLC MA Northern Delease family Landfill D1 Preston Rd., Suite 520 Dallas, TX 75225 214,292,2011 ar@ndblandfill.com	COMPANY MAI SIGNATURE: COMPANY MAI	(Authorized AgencyPrenned Name are	The second s	ANIFEST # 345579
Part 1 - Generator	COMPANY NAME:	KD11001 WELL/Br Nr. Incident: MAIP ck only one box) [] ck only one box) [] RY) Water Based Cuttings I Oil Based Cuttings I Water Base Mud Pit Liners	WET).	Conteminated Soil Conteminated Soil Hijectable Fluids Muds w/Cement Authorize Washout? Internal Protection Agency's July 1988 re	Tank Bo	ectable Fluids ectable Fluids ttoms No e above described week load
Pa		Certifications on a per foad basis only! Odfield waste which is non-hazandous that regulations, 40 CFR 261,21-261-24, or liste demonstrating the waste as non-hazandou D SDS Information D RERA Hazard Emergency non-hazandous, non-oilfield w waste determination and a description of	t does not exceed the d hexarclose waste as as is attached. (Check tous Waste Analysis exterthat has been or that waste must acco Date	reintensing standards for waste haz defined by 40 CFR, part 261, tubpe the appropriate items as provided Process Knowledge	erdous by characteristics it D, as amended. The fol Other (Provide Descript Safety Ohe order, docum	established in RCRA lowing documentation ion Below)
2 - Transporter	RECEIVED: R	TO BE COMPLETED BY THE TRA	YARD #: TICKET #: DISPATCHER NAME: ed by the truck d IN THIS VESSEL	WHP #:	TRU TRA DISPATCHER PHONE #: Isposal facility:	CK #1 5" 4 ILER #: 3 5 [2:2: 0 9 @85 PART 1 ABOVE:
y Part 2	FACILITY RECEIVED AT (Check		EN ON THIS MANI	DRIVER'S SIGNATURE:	15 =1)	NOWLEDGE
025 7:16:15 AM	Northern Delaware Bas 2029 W. NM Highway 1	in Landfill 28 Jal, New Mexico 88252		TIME OUT: WASHOUT BY: WASHOUT: TIME I	N 11M	AM / PM
by OCD: 1/23/2025 7: art 3 - Disposal	ACCEPTANCE TESTING: PAIL TCL TO SERVICE NOTES: This is to certify that:	PI PASS FAIL N/A		Shake Out: 1 2 3 H ₃ O 5 1 at received the above indicated wast	e, waste has passed all ac	in Test:
Received by OCD: Part 3 - 1	EMPLOYEE SIGNATURE:	White Copy: Disposal Facility	12	exity and the nume has been dispose inporter Pink: Generato		wer at a permitted afte.

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Page 64 of 25		L Landfill Services, LLC DiA Harthern Delevate Rean Landfill D1 Preston Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com	COMPANY MAN SIGNATUREI COMPANY MAN COMPANY MAN			ANIFEST #		
	COMPANY NAME:	110		DATE:	20.24			
	LEASE MAL	12080 124	14	PHONE:				
	AFERFO JECTIOSC	1558-18 30.01	53242	OUANTITY:		BBLS		
	RIG NAME CC. 1666	-Y/OOI WELLAR	ala seat los	7.50	and the second	L DOLS		
		I the state	14/11/2/1	de	20	E YARDS		
	STATE & COUNTY ORIGI		Teste at	201	ali - 1128			
-	Waste Description (che		RCRA Exer	npt	RCRA Non-Exem	And and a second s		
Generator	Water Based Cuttings (Di			Contaminated Soil	Produce	and the second		
e	Oil Based Cuttings (DRY)		(WET)	Injectable Fluids	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ectable Fluids		
Ĕ	Oil Base Mud	Water Base Mud		Muds w/Cement	Tank Bo	ttoms		
	Dig Trash	Pit Liners		Authorize Washout?	Ves P	No		
4		Resource Contervation and Recovery Act DICh	A and the US Desires	untal Protection America's July 1988				
Part	is (Check the appropriate classification	1						
Pa	CI RCRA EXEMPTI	Cliffeld wastes generated from oil and gas certifications on a per load basis only!	s exploration and prod	luction operations and are not m	and with non-exempt was	IE ONDEL Accepts		
	D RERA NON EXEMPT:	Official waste which is non-hazardous that						
		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 BORA Hazant	Ious Waste Analysis	Process Knowledge	🖸 Other (Provide Descript	ion Below)		
	D EMERGENCY NON-OR/HELD.	Francisco de la contra de la co						
	D ENDORM T MOTORFIELD	Emergency non-hazardous, non-oilfield w weste determination and a description of			c safety (the order, docum	entation of non-hazandous		
	Print Authorized Agent's Name		Date	Signature -				
		TO BE COMPLETED BY THE TRA	NEROBTERMAN	ETHE CENTRATOR IS DO	TENT	-		
ter	commune ST	2A		and the second second	1000			
	COMPANY NAME		YARD #:			CK #: <u>\$ 4</u>		
D.S	ADDRESS:T		TICKET #	ROLL OFF BI	CARL TRANSPORT	LER #:5.7.5		
Transpor		IME AM ECEIVED: D PM	DISPATCHER NAME:	The Well.	DISPATCHER PHONE #	-1-11008		
臣	The	following statement must be sign	ed by the truck di	iver prior to unloading at	disposal facility:			
Part 2 -	"I CERTIFY THAT NO OTH	IER MATERIAL HAS BEEN PLACED	IN THIS VESSEL :	FINCE LOADING OF MATE	RIAL DESCRIBED IN	PART 1 ABOVE:		
t	DRIVER: France	Hander	D	RIVER'S SIGNATURE	J.			
E.	L (TRANSPORTER), 6	Chive's Name Printed) CERTIFY THAT THE INFORMATION GIV	TEN ON THIS MANUP	EST IS TRUE AND ACCURATE	TO THE REST OF MY N	YOWLEDGE		
		and the second se	and a state of the second second	TRANSFER AND A DESCRIPTION OF THE OWNER				
			62.	DFILL EMPLOYEES	1:410			
N L	FACILITY RECEIVED AT (Check	(One)	DATE _24	COT COL TIME IN:		AM /(PM) AM / PM		
7:16:15 AM	Northern Delaware Bas	in Landfill		Party and a state of the state	11.	NM / PM		
16: Fa	2029 W. NM Highway 1	28 Jal, New Mexico 88252		WASHOUT BY:	IN: TIM	- 01 m		
5 7				WASHOUT: TIME	101 100	E OUT)		
Disposal	ACCEPTANCE TESTING: PAIL	NT FILTER PASS FAIL N/A	NORM	Shake Out:	769	Tat I		
123	TCL		TESTING:	1 2	1 600	nece		
	TO	e Pass fail (N/A	ILess than 50	н,о	-	100000000000000000000000000000000000000		
D m	SERVICE NOTES: This is to certific that	CONTRACTOR STREET	MCRO	3 1 1	And a second sec	n Test:		
Part	This is to certify that:	Employee Ortyfed Names		is received the above indicated wa obly and the waste has been dispo				
Received by OCD: Part 3 - [EMPLOYEE SIGNATURE:	Ulla.	1 5					
ece		White Copy: Disposal Facility	Yellow: Tran	sporter Pink: General	or			
×				2				

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Page 65 of 25.		OWL Landfill Services, LLC DitA Hurtham Delevate Radii Landfil Sa89 Maple Ave, Suite 300 Dallas, TX 75219 S05.231.1212 ar@ndblandfill.com Ompany Man EMail. Ompany Man Phone: Ompany Ma
		COMPANY NAME: X 7 0 DATE: 11-13-29
		LEASE: PCUDUBDID94
		AFE 010201658318 API: 30-015-53242 QUANTITY: BBLS
		RIG NAME: CC: 16663 11001 WELL # 20
		STATE & COUNTY ORIGIN: Dicident: APP3401636364
	-	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
	Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Oil Based Cuttings (WET) Oil Based Cuttings (WET) Oil Based Cuttings (WET) Oil Discretion Fluids Non-Injectable Fluids
	ELS.	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
	Č.	Rig Trash Pit Liners
	0	Authorize Washout?
	-	I hereby certify that according to the Resource Conservation and Recovery ACL/RCIA) and the US Environmental Protection Agency's July 1968 regulatory determination, the above described westerload
	Part	Is (Check the appropriate classification) E) FICRA EXEMPT: Olifield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts)
	ġ,	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 is attached. (Check the appropriate items as provided)
		🗆 SDS Information 🛛 RCRA Hazardous Waste Analysis 🗖 Process Knowledge 🔲 Other (Provide Description Below)
		EMERGENCY NON-OLFIELD: Emergency non-hazardous, non-olfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous)
		waite determination and a description of that waste must accompany this form?
		Printi Authorized Agent's Name Date Speakure
	-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
	nter	COMPANY NAME: DEALTEX MCX YARD #: WHP #: TRUCK #:
	8	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #:
	ŝ	DATE TIME AM DISPATCHER DISPATCHER DISPATCHER PHONE #: 913-107-0851
	Part 2 - Transport	RECEIVED: PM NAME: <u>W///W/P/PP</u> PHONE #: <u>970-307-985</u> / 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."
	臣	DRIVER CORRY Reiver DRIVER'S SIGNATURE: Gard Driver
	Da	(Derver's Name Printed)
		L (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
4M	2	FACILITY RECEIVED AT (Check One): DATE: 1113/24 TIME IN: 3.000 AM / PM
15 /	1	TIME OUT: AM /PM
:16:	Fa	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY
5 7.	10	WASHOUT TIME IN: TIME OUT
/202	SO	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out: 792/1000/
1/23	isp	TCLP: PASS FAIL N/A TESTING: 1 2 3 COULD'Y
D: 1	0	TOX: PASS FAIL N/A Bost than 50 Hg C
00	Part 3 - Disposal Facility	SERVICE NOTES: Gallon Test
by	E	This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of the focility and the waste has been disposed of in an authorized manner at a permitted size.
ivea	0	EMPLOYEE SIGNATURE: XUNY
Received by OCD: 1/23/2025 7:16:15 AM		IACILITY RECEIVED AT (Check One): DATE: DATE: TIME IN; 3.160 AM /PM Image: Disposed Facility Northern Delaware Basin Landfill DATE: TIME IN; 3.160 AM /PM 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY: TIME IN; TIME OUT; AM /PM ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A Image: Disposed Fail TIME IN; TIME OUT; TIME OUT; ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A Image: Disposed Fail TIME IN; TIME IN; TIME OUT; TIME OUT; Image: Disposed Fail TIME IN; TIME OUT; TIME OUT; Image: Disposed Fail Image: Disposed Fail TIME IN; TIME OUT; TIME OUT; Image: Disposed Fail Image: Disposed Fail TIME IN; TIME IN; TIME OUT; Image: Disposed Fail Image: Disposed Fail TIME IN; TIME IN; TIME OUT; Image: Disposed Fail Image: Disposed Fail TIME IN; TIME IN; TIME OUT; Image: Disposed Fail Image: Disposed Faility Timas porter Time IN;
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Page 66 of 25.			L Landfill Services, LLC DRA Harden Orlanse Basin Landfil 89 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	COMPANY MAI SIGNATURE: COMPANY MAI	Volharium Agent's Promai fiante an	0368350			
			70		DATE: // - /	3-24			
		LEASE: PLU20	BDIZYH		PHONE:				
			58218 APE 300-015	-52143					
		RIG NAME: CC:16.6	and the second state of the second state	and the state of the	QUANITI -	BBLS			
				300m12-208		E YARD	os l		
		Provide the second s	N: IncidenturAPP	19016 360	0.7		-		
		Waste Description (che		RCRA Exe	mpt 🔲	RCRA Non-Exempt			
	Generator	Water Based Cuttings (D			Contaminated Soil	Produced Sands			
	e	Oil Based Cuttings (DRY)		L(WET)	injectable Fluids	Non-Injectable Fluids			
	Ē	Oil Base Mud	Water Base Mud		Muds w/Cement	Tank Bottoms			
	ÿ	Rig Trash Other:	Pit Liners		Authorize Washout?	Yes El No			
	-		Resource Conservation and Recovery Act (RC)	Mi and the US Emission			d waste load		
	Part	is Otheck the appropriate classification							
1		ET BORA EXEMPTI	Certifications on a per load basis only)	as exploration and pro	duction operations and are not mis	ed with non-exempt waste (NDBL Accept			
		CI ROBA NON-EXEMPTI				aidous by characteristics established in R			
		regulations, 40 CFR 261.21-201.24, 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)							
			SOS Information D RCRA Haza	nkous Waste Analysia	Process Knowledge	Other (Provide Description Below)			
		D EMERGENCY NON-OILFIELD	Emergency non-hazardous, non-olifield	waste that has been or	dered by the Department of Public	Selety (the order, documentation of non-	hazardous		
		A CONTRACTOR OF CONTRACTOR	waste determination and a description of				onessere.		
		Print) Authorized Agent's Name		Date	higrature		<u> </u>		
		and the second second	TO BE COMPLETED BY THE TR	ANSPORTER WHI	LE THE GENERATOR IS PRE	SENT			
	9	COMPANY NAME	TOT THE PARTY OF	YARD #:	WHP #	TRUCK #:	7		
	õ	ADDRESS: Series	TEX Mex	TICKET #:	ROLL OFF BIR		00-5		
	Iranspor			DISPATCHER		DISPATCHER			
	ē		RECEIVED: PM	NAME:		PHONE #: 23-207			
			following statement must be sign IER MATERIAL HAS BEEN PLACED				un+		
	Part 2 -	DRIVER COCHT	Denna		医门口外 网络网络哈尔马马 出合	all Drees			
		and the second	(Driver's Name Printed)	and the second second second	DRIVER'S SIGNATURE	Stelling from the start for the start			
	٦.	& (TRANSPORTER), (CERTIFY THAT THE INFORMATION GI	IVEN ON THIS MAN	FEST IS TRUE AND ACCURATE	TO THE BEST OF MY KNOWLEDGE			
			TO BE COMPL	ETED BY OWL LA	NDFILL EMPLOYEES				
N	ы	FACILITY RECEIVED AT (Chec	k Onež:	DATE: 41/	13/4 TIMEIN	5:50 AM (PM)			
15 A				REPORTED TRACES	TIME OUT	AM / PM			
16:1	m	Northern Delaware Bas 2029 W. NM Highway 1	an Landhii 28 Jal, New Mexico 88252		WASHOUT BY:	Constant			
5 7:		aver miningring i	TO DRIVING MEANS		WASHOUT: TIME	N: TIME OUT:			
202	8	ACCEPTANCE TESTING: PAI	NT FILTER PASS FAIL N/A	NORM	Shake Out:	- AQUAR	7		
/23/	9	TCL		TESTING	1 2 3	10400	1		
1	5	TO	K PASS FAIL N/A		но		<u> 1</u> 23		
Received by OCD: 1/23/2025 7:16:15 AM	Part 3 - Uisposal Facility	SERVICE NOTES:	0	oLeas than 50 MCRI	5	Gallon Test:			
by (Ľ	This is to certify that:	Employee Printed Nathab	20	as received the above indicated wast	e, wester has passed all acceptances testing	of this		
ved	L	EVAN COULD CACHATANA	CVI	HAS	every and the warte has been dispos	ed of in an outborized manner at a permitte	arane.		
scei		EMPLOYEE SIGNATURE:	White Copy: Disposal Facilit	y Yellow: Trai	sporter Pink: Generati		-		
Re			white copy, on point racin	y renow; mai	isponder Pink: Generati				

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Page 67 of 25.	OWL Landfill Services, LLC Disk Inorthern Delevere Basin Landfill B889 Maple Ave, Suite 300 Dallas, TX 75219 505.231.1212 ar@indblandfill.com							
-	COMPANY NAME: XTO DATE: 1/ 12 24							
	PLUSO BRIDIN							
	RIG NAME: 2401236364 WELL & CARDS							
	STATE & COUNTY ORIGIN:							
157	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt							
- Generator	Water Based Cuttings (ORY) Water Based Cuttings (WET) Contaminated Soil Produced Sands							
12	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids							
ne	Oll Base Mud Water Base Mud Muds w/Cement Tank Bottoms							
e	Rig Trash Pit Liners Authorize Washout? Yes Yes							
1	Thereby certify that according to the Resincer Conservation and Receivery Act IRCRAL and the US Environmental Protection Agency's Adv 1988 regulatory determination, the above described wasta load							
Part 1	is iCheck the appropriate classification							
Para Para	ERCRA EXEMPT: Official wastes generated from oil and gas exploration and production operations and are not maded with non-exempt waste (NDBL Accepts certifications on a per-load basis only)							
	PCRA NON-EXEMPT Olifield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in IICRA regulations, 40 CFB 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 itoms as provided)							
	🖂 SDS Information 🔄 RCRA Hazandous 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)							
	1000 Automat Agent Home 152 201 0851							
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
ter								
통	COMPANY NAME:							
ě.	ADDRESS:TICKET #:ROLL OFF BIN#:TRAILER #: DATE TIME DISPATCHER DISPATCHER							
Transpor	DATE TIME AM DISPATCHER DISPATCHER RECEIVED: PM NAME: PHONE #:							
	The following statement must be signed by the truck driver prior to unloading at disposal facility:							
in the second se	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."							
Part	DRIVER: PETER THISSEN DRIVER'S SIGNATURE A MOST AND							
å	(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE							
and a								
	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES							
2 E	FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM							
7:16:15 AM	Northern Delaware Basin Landfill WASHOUT BY:							
Fa	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN:TIME OUT:							
5.7:								
1/23/2025 7:16:15 AM Disposal Facility	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A NORM Shake Out:							
DIS	TCLP. PASS FAIL N/A TESTING: 1 2 3							
D: 1	TOX: PASS /AIL N/A H_O							
H OC	SERVICE NOTES: Gallon Test:							
(q)	This is to certify that:							
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:							
ece	FACILITY RECEIVED AT (Check One): DATE TIME IN: AM / PM Northern Delaware Basin Landfill New Mexico BB252 WASHOUT BY: AM / PM 2029 W. NM Highway 128 Jal, New Mexico BB252 WASHOUT BY: TIME OUT: TIME OUT: TIME OUT: ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A NORM Shake Out: DATE WASHOUT BY: SERVICE NOTES: TOX: PASS FAIL N/A NORM Shake Out: DATE Gailon Test: Gailon Test: Statement of the waare has been disposed of in on outbesized manner of a permitted side. SERVICE NOTES: This is to certify that: Unique of vinited Palmet Norm Statement of the waare has been disposed of in on outbesized manner of a permitted side. EMPLOYEE SIGNATURE: White Copy Disposal Facility Yellow Transporter Pink: Generator							
X								

Page 68 of 251	OWL Landfill Services, LLC COMPANY MAN Company Man Company Man Ma							
Pag	3889 Maple Ave. Suite 300 Dallas, TX 75219 S05.231,1212 COMPANY MAN EMAIL: 0363530 505.231,1212 ar@ndblandfill.com COMPANY MAN PHONE: 0363530							
-	COMPANY NAME: XTO DATE: 11-13/24							
	LEASE: 1/ U 20 BD 12/11/ PHONE							
	AFE #: API: 30.0/5.53742 QUANTITY: D BBLS							
	BIG NAME: WELL #: /2/////							
	STATE & COUNTY ORIGIN: 1-C C							
5	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt Water Based Cuttings (DRY) Water Based Cuttings (WET) -Contaminated Soil Produced Sands							
Generator	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Diffectable Fluids Non-injectable Fluids							
E	Oli Base Mud Water Base Mud Muds w/Cement Tank Bottoms							
e	Rig Trash Pit Liners							
1	Authorize Washout?							
1	Elemetry centry that asserting to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load to Scheck the agrouptive classifications							
Part 1	TRCRA EXEMPT: Olifield wastes generated from oil and gas exploration and production operations and are not moved with non-exempt waste (NDBL Accepts							
e	certifications on a per load basis only)							
	BCRA NON-EXEMPT: Diffetd waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in BCRA 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)							
	D SDS Information D RCRA Hazandous Waste Analysis D Process Knowledge D Other (Provide Description Balow)							
	EMERGENCY NON-ORLFIELD: 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 Data Data Sprange							
	The second se							
ter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
	COMPANY NAME SEIN TOX MPA: TRUCK #: TRUCK #:							
ě.	ADDRESS: TICKET # ROLL OFF BIN#: TRAILER #: 235							
Transpor	DATE TIME AM DISPATCHER DISPATCHER DISPATCHER							
Ĕ	The following statement must be signed by the truck driver prior to unloading at disposal facility: //							
à	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."							
Part 2	DRIVER NALDZ KILLINGT DRIVER'S SIGNATURE N/							
D.	Driver's Name Punied) L (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: 111 21 1 TIME IN: AM(_PM)							
6:15 AM	Northern Delaware Basin Landfill MAY PM							
Fall	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY:							
5.7:								
1/23/2025 7:16:15 AM Disposal Facility	ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/A. NORM Shake Out: 789090							
23/	TCLP: PASS FAIL N/A TESTING: 1 2 3							
and the second se	TOX: PASS FAIL N/A H ₂ O							
2m	SERVICE NOTES: Callon Test:							
d by O	This is to certify that: has received the above indicated waste, worke has parend at acceptances testing of this							
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:							
scei	FACILITY RECEIVED AT (Check One): DATE:							
R								

Page 69 of 251	OWL Landfill Services, LLC Deal Horithmen Determine Basen Landfill Services, LLC Deal Horithmen Determine Basen Landfill Services, LLC Deal Horithmen Determine Basen Deallas, TX 75219 So5.231.1212 argendblandfill.com Software Mann Phone: Deallas, TX 75219 So							
	COMPANY NAME: XI DATE: 11-13-24							
	LEASE: PLU 20 BD 12911 PHONE:							
	AFE #: API: 30_015_55242 QUANTITY: BBLS							
	RIG NAME:							
	STATE & COUNTY ORIGIN:							
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt							
b	Water Based Cuttings (DRV) Water Based Cuttings (WET) Contaminated Soil Produced Sands							
Ial	Oil Based Cuttings (DRV) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids							
ä	Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms							
-Generator	Big Trash Pt Liners Authorize Washout? Yes No							
and a	Hereby certify thet according to the Resource Commution and Recovery Act (ICRA) and the US Encoumental Protection Agency's July 1988 regulatory determination, the above described waste load							
Part	Is (Check the appropriate classification) (5' ICRA EXEMPT) Olifield waster generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (HDBL Accepts)							
0.	certifications on a periload basis only?							
	BCRA NON-EXEMPT: Orifield waste which is non-hazandous that does not exceed the minimum standards for waste hazardous by characteristics established in ICEA regulations, 40 CFR 261.21-261.24, or listed hazardous weste as defined by 46 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 II RCRA Hazardous Waste Analysis II Process Knowledge II 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 weste determination and a description of that waste must accompany this form)							
	(Pitel) Automated Agent's Name bea toprature							
100	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
ê	COMPANY NAME: SPAN TOX MOX YARD #: WHP #: TRUCK #							
ò	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: 2. 3							
ise	DATE TIME AM DISPATCHER DISPATCHER							
Transpor	RECEIVED: RECEIVED: PM NAME PHONE #:							
100	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."							
Part 2	DRIVER: Mahan Rodsigu 17 DRIVER'S SIGNATURE NR							
å	(Driver's Name Finited) 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: 12/2 TIME IN: 130 AM (PM)							
AM	TIME OUT: AM / PM							
16:15 AM Facility	Northern Delaware Basin Landfill WASHOUT BY:							
	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:							
1/23/2025 7:16:15 Disposal Faci	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:							
23/2 Esp	TELP: PASS FAIL N/A TESTING: 1 2 3 2000							
20	TOX: PASS FAIL N/A Resultance Ha							
t m	SERVICE NOTES: ////////////////////////////////////							
d by O Part	This is to certify that:							
Received by OCD: Part 3 -	EMPLOYEE SIGNATUREI							
Rece	White Copy: Disposal Facility Yellow: Transporter Pink: Generator							

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A REAL	OWL Landfill Services DBA Mortem Delever Basin Lond 3889 Maple Ave. Suite 3 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	300 SIGNATURE: COMPANY M/	Wetherland Agent's Planley Alline and Tr	MANIFEST #
	COMPANY NAME: 20 BD LEASE: 0 20 BD AFE #: APE 30	121 H 0.015-53 VELL #: 12-9 H	DATE: <u>//</u> 	24
	STATE & COUNTY ORIGINI		2	See I YARDS
	production of the second se			
-	Waste Description (check only one box)	RCRA Ex		CRA Non-Exempt
5		sed Cuttings (WET) Cuttings (WET)	Contaminated Sol	Produced Sands
C.	Oil Base Mud Oil Base Mud Oil Base Mud		Injectable Fluids	Non-Injectable Fluids Tack Bottoms
Ē	□ Rig Trash	The second se	Muds w/Cement	Tank Bottoms
- Generator	D Other:		Authorize Washout?	Yes No
÷	I hereby certify that according to the Resource Contervation and Recover	ry Act OICINO and the US Environ	mental Protection Agency's July 1988 regul	atory determination, the above described waste loss
Part 1	Is (Check the appropriate classification)			
d.	Control of the second s		oduction operations and are not mixed	with non-exempt waste (NDBL Accepta
	regulations, 40 CPR 261 21-261 demonstrating the waste as no	1.24, or listed bazardous waster	is defined by 40 CFR, part 261, subpart D A the appropriate llems as provided)	ous by characteristics established in IICRA a samended. The following documentation ther divoxide Description Belowi
		m-official waste that has been a scription of that waste must acc		ety (the order, documentation of non-hazardous
	(Prind) Authorized Agent's Name		tigrature	
-	TO BE COMPLETED BY	THE TRANSPORTED WIL	and the local division of the local division	UT
er	Hard worker of the state of the second state of th		ILE THE GENERATOR IS PRESE	statistic and set
orter	COMPANY NAME: SUM TEX MI	<u></u>	ILE THE GENERATOR IS PRESEN	
sporter	COMPANY NAME: SCIA TEX MI ADDRESS:		ILE THE GENERATOR IS PRESEN WHP #: ROLL OFF BIN#:	TRUCK #1
ansporter	COMPANY NAME: SCIA TEX MU ADDRESS: DATE TIME □		ILE THE GENERATOR IS PRESEN WHP #: ROLL OFF BIN#:	
Iransporter		AM DISPATCHER PM NAME	WHP #: ROLL OFF BIN#:	
- Transpor		AM DISPATCHER PM NAME: t be signed by the truck	WHP #: ROLL OFF BINE: driver grigg to unloading at disp	
- Transpor	COMPANY NAME: <u>Scip Tex Mi</u> ADDRESS: DATE TIME RECEIVED: The following statement mus	AM DISPATCHER PM NAME:	WHP #: ROLL OFF BINE: driver grigg to unloading at disp	
Part 2 - Transporter	COMPANY NAME: SCH TEX ME ADDRESS:	AM DISPATCHER PM NAME t be signed by the truck PLACED IN THIS VESSE	ILE THE GENERATOR IS PRESEN	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: PHONE #: DOSAI facility: L DESCRIBED IN PART 1 ABOVE?
- Transpor	COMPANY NAME: SCIA TEX ME ADDRESS: DATE TIME RECEIVED: TIME RECEIVED: B The following statement mus TI CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: NAME DRIVER: NAME L (TRANSPORTER), CERTIFY THAT THE INFORMATION	AM DISPATCHER PM NAME PM NAME PLACED IN THIS VESSE	ILE THE GENERATOR IS PRESEN WHP II: ROLL OFF BINK: ROLL OFF BINK: BRIVER DELOADING OF MATERIA DRIVER'S SIGNATURE:	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: PHONE #: DOSAI facility: L DESCRIBED IN PART 1 ABOVE?
- Transpor	COMPANY NAME: SCIA TEX ME ADDRESS: DATE TIME RECEIVED: TIME RECEIVED: B The following statement mus TI CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: MADDY RATERIAL HAS BEEN DRIVER: MADDY RATERIAL HAS BEEN DRIVER: MADDY RATERIAL HAS BEEN DRIVER: MADDY RATERIAL HAS BEEN	AM DISPATCHER PM NAME t be signed by the truck PLACED IN THIS VESSE	ILE THE GENERATOR IS PRESEN WHP II: ROLL OFF BINK: ROLL OFF BINK: BRIVER DELOADING OF MATERIA DRIVER'S SIGNATURE:	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: PHONE #: DOSAL FACIBITY: L DESCRIBED IN PART 1 ABOVE?
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Part 2 - Transpor	COMPANY NAME: SCIA TEX ME ADDRESS: DATE TIME RECEIVED: BECEIVED: B The following statement mus TI CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: ABDOX RULL (Drived'T Marrie Printight) L (TRANSPORTER), CERTIFY THAT THE INFORMATION OF THE CERTIFY THAT THE INFORMATION OF TH	AM DISPATCHER PM NAME PM NAME PLACED IN THIS VESSE ATTON GIVEN ON THIS MAN COMPLETED BY OWL L DATE:	ILE THE GENERATOR IS PRESEN WHP II: ROLL OFF BINIE ROLL OFF BINIE BINE DADING OF MATERIA DRIVER'S SIGNATURE:	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: 535 DISPATCHER DISP
Disposal Facility Part 2 - Transpor	COMPANY NAME: <u>SCIAL TEX ME</u> ADDRESS: DATE TIME RECEIVED: TIME RECEIVED: THE RECEIVED: The following statement mus TI CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: <u>Aboy</u> <u>Convertence</u> (Drived: Thame Printed) <i>L (TRANSPORTER), CERTIFY THAT THE INFORMAT</i> TO BE FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill	YARD #: TICKET #: AM DISPATCHER PM NAME: t be signed by the truck PLACED IN THIS VESSE ATTON GIVEN ON THIS MAN COMPLETED BY OWL L DATE: 252	ILE THE GENERATOR IS PRESEN WHP II: ROLL OFF BINIE: INVERTING TO UNIONATING AT A DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: MITEST IN TRUE AND ACCUMATE TO ANDFILL EMPLOYEES MISSIOUT BY: WASHOUT BY:	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: 50551 DOSAI facility: L DESCRIBED IN PART 1 ABOVE: THE BEST OF MY KNOWLEDGE THE BEST OF MY KNOWLEDGE
3 - Disposal Facility Part 2 - Transpor	COMPANY NAME: SCIA TEX MIL ADDRESS: DATE TIME BECEIVED: BECEIVED	YARD #: TICKET #: AM DISPATCHER PM NAME: t be signed by the truck PLACED IN THIS VESSE ATTON GIVEN ON THIS MAAN COMPLETED BY OWL L DATE: 252 N/A NORM TESTING:	ILE THE GENERATOR IS PRESEN WHP II: ROLL OFF BINIE: ROLL OFF BINIE: RO	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: 50551 DOSAI facility: L DESCRIBED IN PART 1 ABOVE: THE BEST OF MY KNOWLEDGE THE BEST OF MY KNOWLEDGE
3 - Disposal Facility Part 2 - Transpor	COMPANY NAME: <u>SCUP TEX ME</u> ADDRESS: DATE TIME BECEIVED: The following statement mus "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: <u>ABDOX</u> <u>Unived Statement mus</u> I CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: <u>ABDOX</u> <u>Unived Statement mus</u> (Drived Statement mus <i>L (TRANSPORTER), CERTIFY THAT THE INFORMA</i> TO BE FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88 ACCEPTANCE TESTING PAINT FILTER: <u>PASS</u> FAIL TCLP: PASS FAIL SERVICE NOTES: This is to certify that:	YARD #: TICKET #: AM DISPATCHER PM NAME: t be signed by the truck PLACED IN THIS VESSE ATTON GIVEN ON THIS MAAN COMPLETED BY OWL L DATE: Z52 N/A NORM TESTING: N/A NORM TESTING: Dent than 50 ACII)	ILE THE GENERATOR IS PRESEN WHP #: ROLL OFF BINE: driver prior to unloading at disp L SINCE LOADING OF MATERIA DRIVER'S SIGNATURE: HIVE AND ACCURATE TO ANDFILL EMPLOYEES HIVE AND ACCURATE TO ANDFILL EMPLOYEES HIVE OUT: TIME IN: TIME OUT: TIME OUT: TIME IN: TIME	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: DOSAI facility: L DESCRIBED IN PART 1 ABOVE: DISPATCHER PHONE #: DOSAI facility: L DESCRIBED IN PART 1 ABOVE: DISPATCHER DISPATCHER PHONE #: DISPATCHER PHONE #:
- Disposal Facility Part 2 - Transpor	COMPANY NAME: SCIA TEX MIL ADDRESS: DATE TIME RECEIVED: CONTROL OF FOLLOWING STATEMENT THUS The following statement must The following statement must CERTIFY THAT NO OTHER MATERIAL HAS BEEN DRIVER: CERTIFY THAT THE IMPORTANCE TO BE FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88 ACCEPTANCE TESTING PAINT FILTER: PASS FAIL TCLP: PASS FAIL TCX: PASS FAIL SERVICE NOTES:	YARD #: TICKET #: AM DISPATCHER PM NAME: t be signed by the truck PLACED IN THIS VESSE ATTON GIVEN ON THIS MAAN COMPLETED BY OWL L DATE: Z52 N/A NORM TESTING: N/A NORM TESTING: Dent than 50 ACII)	ILE THE GENERATOR IS PRESEN WHP #: ROLL OFF BINE: driver prior to unloading at disp L SINCE LOADING OF MATERIA DRIVER'S SIGNATURE: HIVE AND ACCURATE TO ANDFILL EMPLOYEES HIVE AND ACCURATE TO ANDFILL EMPLOYEES HIVE OUT: TIME IN: TIME OUT: TIME OUT: TIME IN: TIME	TRUCK #1 TRAILER #: 535 DISPATCHER PHONE #: DOSAI facility: L DESCRIBED IN PART 1 ABOVE: DESCRIBED IN PART 1 ABOVE: DESCRIBENT AB

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Page 71 of 251		38	L Landfill Service DIA Notion Deleve from Lon 89 Maple Ave, Suite Dallas, TX 75219 505.231.1212 ar@ndblandfill.con	ani 300	COMPANY MAD SIGNATURE COMPANY MAD	NEMAIL			MANIFEST #]
		COMPANY NAME: XT			2022		DATE: 11-13-2	¥		
		LEASE: 140 20 31	5 1244				PHONE:			
		AFE # Proc POTICIPASIE	13 API;	30-015	- 5334.0	_ 1	QUANTITY:		BBLS	
		RIG NAME: AMPROVIDE						1.4		
		STATE & COUNTY ORIGIN		12,6435				-de'	_ I YARDS	
		Waste Description (chee			RCRA Exe	mot		RCRA Non-E	remot	-
	5	Water Based Cuttings (DF	and the second se	lased Cutting	Company of the local division of the local d	_	intaminated Soll		oduced Sands	
	rat	Gil Based Cuttings (DRY)	Oil Base	d Cuttings (V	uttings (WET)		ectable Fluids		on-Injectable Fluids	
	ne	Oil Base Mud	And A CONTRACTOR OF A CONTRACTOR A	lase Mud			uds w/Cement	ST 🗆	nk Bottoms	
	- Generator	Rig Trash Otheri	Pit Liner	rs.		Authorize Washout?		T Yes	Yes FT No	
	ing the second	Thereby certify that according to the f	Associate Conservation and Reco	wary Act (RCRA)	and the US Environm		Sector States and states and	1		Det
	Part .	is (Check the appropriate classification C3-RCRA EXEMPT)	n) Oilfield wastes generated fro							
	Pa	C ment theme it	certifications on a per load b		references and fire	oucies op	enations and are not ma	ee wan non-exem	n wana futur vocalus	
					t does not exceed the minimum stanslards for waste hazardous by characteristics established in BCRA if hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation					
			demonstrating the waste as a			19 JUL 19				
		120000000000000000000000000000000000000		Incha Pazarita	ius Waste Analysis	CI HO	cess Knowledge (Other (Provide D	urubeeu neewi	463
		C) EMERGENCY NON-OILFIELD:	Emergency non-hazardous, n waste determination and a d					: Safety (the order, o	locumentation of non-hazardo	1911
		(Print) Authorized Agent's Name			Date		Signature			
		an matagedation que a	TO BE COMPLETED B	THE TRAP	SPORTERWHI	LE THE C	UNEDATOR IS PRE	SENT		
	2	COMPANY NAME							THICK & CO	
	ē	ADDRESS:	e an are		TICKET #				TRAILER # 527	
	15p	Contraction of the second s		J AM	DISPATCHER			DISPATO		
	Transport		ECEIVED:] PM				PHONE #		4
		The I "I CERTIFY THAT NO OTH	following statement mu							
	2	DRIVER: Courses	1. Y				SIGNATURE	64		
	Part 2		(Driver's Name Printed)					0		-
		L (TRANSPORTER), C	CERTIFY THAT THE INFORM	MATION GIVE	N ON THIS MAN	1151151	KULAND ACCURATE	TO THE MEST OF	MY KNOWLEDGE	
			тов	E COMPLET	TED BY OWL LA	NOFILL	Ling I to a series and	1.110		
AM	È	FACILITY RECEIVED AT (Check	(One):		DATE:	11-24	TIME IN:	1-ALL	AM (PM) AM / PM	
7:16:15 AM	5	Northern Delaware Bas	in Landfill			INTER	A CONTRACTOR OF THE OWNER			
7:16	<u>ar</u>	2029 W. NM Highway 1.	28 Jal, New Mexico 8	8252		Distant and		IN:	TIME OUT:	
925	Sa	actions respectively.		-	1000000000	and a second			11000	
3/2(Disposal Facility	ACCEPTANCE TESTING: PAIR TCL		the second s	NORM TESTING		Shake Out	-26	4005	
: 1/	ő	TOX				H,O			100 A 10	
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by C	Part	This is to certify that:	Employee (Prints	ed Name)					all acceptances testing of this	
ved	å	EMPLOYEE SIGNATURE:	- Change	CONTRACTOR OF		acomp and (ne entere has been dispo	and or int an authoriz	ed manner at a permitted litte.	<
Received by OCD: 1/23/2025		STREET CONTRACTOR	White Copy: Dispo	sal Facility	Yellow: Trai	nsporter	Pink: Generat	or		-
×										6

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Page 72 of 25.	A LINE	OWL Landfill Services, LLC DitA from them Ordeneses Basis Landfill 3889 Maple Ave, Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com							
		COMPANY NAME: XTC DATE: 1/-17-27							
		LEASE: PLU 2080 109H PHONE:							
		AFE #: 20 -0/5-53242 QUANTITY: BBLS							
		RIG NAME: 6018-24016-36-364 WELL #52-1666211001 20 20							
		STATE & COUNTY ORIGIN:							
		Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt							
	0	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands							
	Te	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-injectable Fluids							
	ane	Oll Base Mud Water Base Mud Muds w/Cernent Tank Bottoms							
	Ğ	Rig Trash Pit Uners Authorize Washout? Yes Yes							
	÷	Thereby certify that according to the Resource Centervation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1968 regulatory determination, the above described walte load							
	Part 1 - Generator	Is (Oreck the appropriate classification) Official wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDB), Accepts							
	ã	certifications on a per load basis only?							
		BCIA NON-EXEMPT: Official 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)							
		Prest) Authorized Agent's Name Date Date							
		TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT							
	ter ler	COMPANY NAME: Som Tex Mex VARD #: WHP #: TRUCK #: 0.7							
	õ	ADDRESS: TICKET #1 ROLL OFF BIN#1 TRAILER #1							
	S	DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: PHONE #:							
	Part 2 - Transport	The following statement must be signed by the truck driver prior to unloading at disposal facility:							
	ė.	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."							
	ţ	DRIVER: Soinet a Rempel DRIVER'S SIGNATURE (19)							
	ä	L (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							
W	2	FACILITY RECEIVED AT (Check One): DATE: 11/13/74 TIME IN: 3.34 AM/PM							
15 A		TIMEOUT: AM / PM							
.16:	ĕ	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252							
25 7:	10	WASHOUT: TIME IN: TIME OUT							
8/202	Š.	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A NORM Shake Out: DUTING							
1/2:	Sis	TCLP: PASS FAIL N/A TESTING: 1 2 3 (0101)							
Received by OCD: 1/23/2025 7:16:15 AM	Part 3 - Disposal Facility	Contract Months							
y 0	ť	This is to certify that							
ed b	di la	the garges of integrations and the waste has been disposed of in an authorized moneur of a permitted site.							
ceiv	123	EMPLOYEE SIGNATURE:							
Re		White Copy: Disposal Facility Yellow: Transporter Pink: Generator							

f 251			
Page 73 of 25.		Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	MANIFEST # 0372672
		COMPANY NAME	
		LEASE: PHONE:	
		AFE #: 100 000 51 51 51 4 APE 50-0/5- 53242 QUANTITY:	BBLS
		RIG NAME: #////////////////////////////////////	
		STATE & COUNTY ORIGIN:	
	12		A Non-Exempt
	sto	O Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil O Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids	Produced Sands Non-Injectable Fluids
	era	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement	Non-injectable Fluids Tank Bottoms
	Generator	Fit Liners	
	1-6		Yes No
	Part 1	Thereby certify that according to the Resource Contervation and Recovery Act (RCNO) and the US Environmental Protection Agency's July 1988 regulator is (Check the appropriate classification)	
	Pa	ROLA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with certifications on a per load basis only)	non-exempt waste (NDBL Accepts
		RCRA NON-EXEMPT: Otherid waste which is non-bazardeus that does not exceed the minimum standards for waste bazardous regulations. 49 CFR 261.21-261.24, or listed bazardous waste as defined by 40 CFR, part 261, subpart D, as	by characteristics established in RCRA amended. The following documentation
		demonstrating the waste as non-Fazandous is attached. (Check the appropriate items as provided)	
			(Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety waste determination and a description of that waste must accompany this form)	Obe order, documentation of non-hazardous
		Print) Authorized Agent's Name Dele Dele Signature	
	-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT	
	문	COMPANY NAME YARD #: WHP #:	
	å	ADDRESS: TICKET #: ROLL OFF BIN#:	TRAILER #
	SE		DISPATCHER PHONE #1
	Ĕ	The following statement must be signed by the truck driver prior to unloading at dispos	ual facility:
	Ń	CORNER STATEMAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL D	PESCRIBED IN PART 1 ABOVE."
	Te	DRIVER: DRIVER'S SIGNATURE	
	•	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO TH	E MEST OF MY KNOWLEDGE
		TO BE COMPLETED BY OWL LANDFILL EMPLOYEES	76 0
AN	£	FACILITY RECEIVED AT (Check One): DATE:	AM /PM
1:9	10	FACILITY RECEIVED AT (Check One): DATE TIME IN: TIME OUT: TIME OUT	AM / PM
5 7:1		2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN:	TIME OUT:
Received by OCD: 1/23/2025 7:16:15 AM	3 - Disposal	ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/A NORM Shake Out	1245B1
1/23	g.	ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/A NORM Shake Out TCLP: PASS FAIL N/A TESTING: 1 2 3	20101
CD:	ā	TOX: PASS FAIL N/A H_O H_O	(
y 0		SERVICE NOTES: MCR0 S	Gallon Test:
ed b	Part	This is to certify that: tended wate wate has received the above indicated wate, wate the provided the above indicated wate, wate has been disposed of in	
	ALC: N	EMPLOYEE SIGNATURE:	a an ann an ann an ann an an an an an an
scei		White Copy: Disposal Facility Yellow: Transporter Pink: Generator	

Page 74 of 251	A These	OWL Landfill Services, LLC Diversion Rd, Suite 520 Dallas, TX 75225 214.292.2011 ar@indblandfill.com OWL Company Man Phone: OWL
	Part 1 - Generator	COMPANY NAME: XTD 3221553312 DATE: LEASE: AV 20 BD 124 H AFE #: APII/240D1636444 API: 30-015533412 PHONE: RIG NAME: LEAVE ATTODI WELL #: 124 H STATE & COUNTY ORIGIN: WELL #: 124 H STATE & COUNTY ORIGIN: WELL #: 124 H Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt OII Based Cuttings (DRY) 010 Based Cuttings (WET) Injectable Fluids OII Based Cuttings (DRY) 010 Based Cuttings (WET) Injectable Fluids OII Based Cuttings (DRY) 010 Based Cuttings (WET) Injectable Fluids OII Based Cuttings (DRY) 010 Based Cuttings (WET) Injectable Fluids OII Based Suttings (DRY) 010 Based Cuttings (WET) Injectable Fluids OII Based Suttings (DRY) 010 Based Cuttings (WET) Injectable Fluids Office Wase Base Mud Muds w/Cernent Tank Dotroms Other Authorize Washout? Yos Ho Instruction on a per load basis only Cernfload wases generated from all and gas explorations and production operations and are not mead with non-exempt wasto (MEBA Macroton Wete
	Part 2 - Transporter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: State TCX YARD #: WHP #: TRUCK #: STATE ADDRESS: TICKET #: ROLL OFF BIN#: TRUCK #: STATE DATE TIME AM DISPATCHER DISPATCHER PHONE #: PHONE #: PHONE #: TRUCK #: STATE The following statement must be signed by the truck driver prior to unloading at disposal facility: TO ERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE: DRIVER: UNIVER' MAME Philosed DRIVER'S SIGNATURE:
y OCD: 1/23/2025 7:1	Part 3 - Disposal Facility	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE TIME OUT TIME IN: DATE Northern Delaware Basin Landfill 2029 W. NM Highway 128 J Jal, New Mexico 88252 WASHOUT BY: * ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: TOX: PASS FAIL N/A This is to cartify that: Employee (Pringed Name) Topological fills waith bas been displayed of the space of displa
Received by OC	ば	This is to certify that: has received the abave indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized marrier of a permitted site.

Page 75 of 251		8201	Landfill Services, Preston Rd., Suite 5 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com	520 SIGNATURE: COMPANY M COMPANY M	(Authorized Agent's Printell Home and	MANIFEST # 0350494
		COMPANY NAME: X12	2 22 155 83	18	DATE:	
		LEASE: PAU 20 13	10 124 H		PHONE	
		AFE #: 019 11-2110110				BBLS
		RIG NAME: 1660211		FLL n: 1211	4	Charles and
		STATE & COUNTY ORIGIN	KOL	1		YARDS
		Waste Description (check	(only one box)	RCRA E	kempt 🔲 I	RCRA Non-Exempt
	ò	Water Based Cuttings (DRY	() Water Base	ed Cuttings (WET)	Contaminated Soil	Produced Sands
	ē	Oil Based Cuttings (DRY)		Cuttlings (WET)	injectable Fluids	Non-Injectable Fluids
	Ë.	Oil Base Mud	Water Base Pit Liners	e Mud	Muds w/Cement	Tank Bottoms
¢	- Generator	C Other	L Htones		Authorize Washout?	Yes -No-
		I hereby certify that according to the Re-	source Conservation and Recover	y Act (HCRA) and the US Desire	vmental Protection Agency's July 1988 reg	datory determination, the above described waste land
	Har	It (Check the appropriate classification)	Diffield wastes generated from	oil and gas exploration and p	enduction operations and are not mise	Ewith non-exempt waste (NOBL Accepts
c	1	No. of the second s	certifications on a per load basis			
(Caller		and the second	regulations, 40 CFR 261.21-261.	24, or listed hazardous waste	as defined by 40 CFR, part 261, subpart	dous by characteristics established in IICEA D, as amended. The following documentation
				9 Natanbus Is attached. (Che RA Hazanbus Waste Analysi	ck the appropriate items as provided)	Other (Provide Description Balow)
		D IMERGENCY NON-OILPIELD	Imergency non-hatanlous, non weite determination and a desc	oilfield waste that has been siption of that waste must ac	ordered by the Department of Public 5 sompany this form)	afety (the order, documentation of non-hazardous
		Philod Authorited Agent's Name		Data	ligitines	
1			TO BE COMPLETED BY	THE TRANSPORTER W	HILE THE GENERATOR IS PRES	INT
4		and the second second second		2 marsa	NAMES OF TAXABLE PARTY OF TAXABLE PARTY.	
Ş	6	COMPANY NAME: 577	22 162 111	C YARD III	WHP #:	TRUCK #: 51
	A	ADDRESS:	m Ics M	TICKET #	WHP #: ROLL OFF BINI	
	<u>8</u>	ADDRESS:TIN	AE 🗆 /	TICKET #	ROLL OFF BIN	DISPATCHER
2	ransp	ADDRESS:	AE 0 /	TICKET #1 AM DISPATCHEN PM NAME:	ROLL OFF BINA	DISPATCHER PHONE #
Tra	2 - Iransp	ADDRESS: TIA DATE TIA RECEIVED: REC The fo	AE 0 / CEIVED: 0 /	TICKET # M DISPATCHEI M NAME: be signed by the truck	ROLL OFF BINI	DISPATCHER PHONE #
In D. Tro	in 2 - Iransp	ADDRESS: TIA DATE TIA RECEIVED: REC The fo	AE 0 / CEIVED: 0 /	TICKET # M DISPATCHEI M NAME: be signed by the truck	ROLL OFF BINI	DISPATCHER PHONE #
Cart 2 . Tred	Fart 2 - Iranspor	ADDRESS:	AE CEIVED:	TICKET #: M DISPATCHEN PM NAME: be signed by the truck PLACED IN THIS VESSI	ROLL OFF BINI	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE."
ent - C tred	rart 2 - Iransp	ADDRESS:	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I ////////////////////////////////////	TICKET # M DISPATCHEI PM NAME: be signed by the truck PLACED IN THIS VESSI THON GIVEN ON THIS MA	ROLL OFF BINI	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE."
		ADDRESS:	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I (JAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	TICKET # M DISPATCHEN PM NAME: be signed by the truck PLACED IN THIS VESSI TON GIVEN ON THIS MA COMPLETED BY OWL I	ROLL OFF BINI t driver prior to unloading at di L SINCE LOADING OF MATERI DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: MIFEST IS TRUE AND ACCURATE TO ANDFILL EMPLOYEES	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY KNOWLEDGE
		ADDRESS:	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I (JAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	TICKET # M DISPATCHEI PM NAME: be signed by the truck PLACED IN THIS VESSI THON GIVEN ON THIS MA	ROLL OFF BINI	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY KNOWLEDGE
		ADDRESS: DATE	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I (TICKET # M DISPATCHEN PM NAME: be signed by the truck PLACED IN THIS VESSE THON GIVEN ON THIS MAN COMPLETED BY OWL I DATE:	ROLL OFF BINI t driver prior to unloading at di L SINCE LOADING OF MATERI DRIVER'S SIGNATURE: MIFEST IS TRUE AND ACCURATE TO ANDFILL EMPLOYEES TIME IN:	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY KNOWLEDGE
(6:15 AM	raciiity	ADDRESS:	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I (TICKET # M DISPATCHEN PM NAME: be signed by the truck PLACED IN THIS VESSE THON GIVEN ON THIS MAN COMPLETED BY OWL I DATE:	ROLL OFF BINI ROLL OFF BINI driver prior to unloading at di L SINCE LOADING OF MATERI DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: MIFEST IS TRUE AND ACCURATE TO ANDFILL EMPLOYEES TIME IN: TIME IN: TIME OUT: .	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY KNOWLEDGE
7:16:15 AM	raciiity	ADDRESS: DATE TIM RECEIVED: RECEIVED: The fo "I CERTIFY THAT NO OTHE DRIVER: (INAMSPORTER), CE I, (TRANSPORTER), CE FACILITY RECEIVED AT (Check O Northern Delaware Basin 2029 W, NM Highway 120	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I (Driver's Name Printed) RTIPY THAT THE INFORMATION (Driver's Name Printed) RTIPY THAT THE INFORMATION TO BE C Drie]: h Landfill B Jal, New Mexico 882	TICKET # M DISPATCHEN M NAME: be signed by the truck PLACED IN THIS VESSI TION GIVEN ON THIS MA COMPLETED BY OWL I DATE:	ROLL OFF BINI ROLL OFF BINI driver prior to unleading at di L SINCE LOADING OF MATERI DRIVER'S SIGNATURE: MIFEST IS TRUE AND ACCURATE TO ANDFILL EMPLOYEES TIME IN: TIME IN: WASHOUT BY: WASHOUT: TIME IN	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY KNOWLEDGE 210AM / PM
7:16:15 AM	raciiity	ADDRESS:	AE CEIVED:	TICKET # M DISPATCHEN NAME: be signed by the truck PLACED IN THIS VESSI TION GIVEN ON THIS MA COMPLETED BY OWL I DATE: 152 N/A NORM TESTING:	ROLL OFF BINE Contraction of the second sec	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY KNOWLEDGE 210AM / PM
1/23/2025 7:16:15 AM	- misposal raciiity	ADDRESS: DATE TIM RECEIVED:RECEIVED: The for "I CERTIFY THAT NO OTHE DRIVER: I, (TRANSPORTER), CE FACILITY RECEIVED AT (Check O Northern Delaware Basin 2029 W. NM Highway 120 ACCEPTANCE TESTING: PAINT TCLP, TOX:	AE CEIVED: Illowing statement must R MATERIAL HAS BEEN I (Driver's Name Printed) RTIPY THAT THE INFOMMAT TO BE C One): In Landfill B Jal, New Mexico 882 I FILTEJE PASS FAIL	TICKET # M DISPATCHEN NAME: be signed by the truck PLACED IN THIS VESSI TION GIVEN ON THIS MA COMPLETED BY OWL I DATE: 152 N/A NORM TESTING:	ROLL OFF BINE Contraction of the second sec	TRAILER #: 2222 DISPATCHER PHONE #: sposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY RNOWLEDGE 2015 AM / IN AM / PM
1/23/2025 7:16:15 AM	2 - Unsposal raciiity	ADDRESS:	AE CEIVED:	TICKET # M DISPATCHEN M NAME: be signed by the truck PLACED IN THIS VESSI TOON GIVEN ON THIS MA COMPLETED BY OWL I DATE: 152 N/A NORM TESTING: N/A	ROLL OFF BINE ROLL OFF BINE I driver prior to unloading at di L SINCE LOADING OF MATERE DRIVER'S SIGNATURE: DRIVER'S SIGNATURE: MIFEST IS TRUE AND ACCURATE TO ANDFILL EMPLOYEES TIME IN: TIME IN: WASHOUT BY: WASHOUT: TIME IN Shake Out: 1 2 3 H ₂ O 5 1 1 2 3	TRAILER #: 2222 DISPATCHER PHONE #: uposal facility: AL DESCRIBED IN PART 1 ABOVE: THE BEST OF MY KNOWLEDGE 215 AM / PM AM / PM TIME OUT: 26300 Test:
1/23/2025 7:16:15 AM	1.2 - Mispusal Facility	ADDRESS:	AE CEIVED:	TICKET # DISPATCHEN NAME: be signed by the truck PLACED IN THIS VESSI TION GIVEN ON THIS MAN COMPLETED BY OWL I DATE: 152 N/A N/A N/A N/A Summer Signed Signed by the truck N/A Signed by the truck Signed by the truck	ROLL OFF BINS	TRAILER #: 2222 DISPATCHER PHONE #: sposal facility: AL DESCRIBED IN PART 1 ABOVE: DTHE BEST OF MY RNOWLEDGE 2015 AM / IN AM / PM
2D: 1/23/2025 7:16:15 AM 3 - Dicrocol Facility	1.2 - Mispusal Facility	ADDRESS:	AE CEIVED:	TICKET # DISPATCHEN NAME: be signed by the truck PLACED IN THIS VESSI TION GIVEN ON THIS MAR COMPLETED BY OWL I DATE: 152 N/A N/A N/A N/A N/A N/A N/A N/A N/A	ROLL OFF BINS	TRAILER #: 2222 DISPATCHER PHONE # sposal facility: AL DESCRIBED IN PART 1 ABOVE: THE BEST OF MY RNOWLEDGE DTHE BEST OF MY RNOWLEDGE

of 251	(OWL Landfill Services, LLC) (COMPANY MAN. Druich 1520) (MANIFEST #
Page 76 of 25.	OWL Landfill Services, LLC UMANY MAN. UMANY MAN. Mathematical Agency Company Man. Manufactor M
1	COMPANY NAME: X TO Q3C1555918 DATE:
	LEASE LAU 22 CD 124 14 PHONE
	10 11 2 10 11 2 11 2 1 - DK 50 21/2
	AFE # 11163 636 API: 30-003-3321 C QUANTITY: 20 BBLS
	I YARDS
5	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
ato	Water Based Cuttings (ORY) Water Based Cuttings (WET) Contaminated Soil Produced Sands Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
ler.	Oil Base Mud Water Base Mud Tank Bottoms Tank Bottoms
Generator	Rig Trash Pit Liners
1	Other Authorize Washout? Yes No
Ţ	Thereby centry that according to the Resource Contervation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load in (Check the appropriate classification)
Part 1	RCRA EXEMPT: Offfeld 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)
- 75	PCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in IICRA 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)
	SOS Information CI RCIA Hazardous Waste Analysis CI Process Knowledge Ci Other (Provide Description Below)
	EMERGENCY NON-OIL/TELD: 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)
	Phone Authorized Agent's Name Date Separate
10.00	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME SENT TOX DICK YARD #: WHP #: TRUCK #: 57
- No	ADDRESSI TICKET #: ROLL OFF BINE: TRAILER #: 0237
lsi i	DATE TIME AM DISPATCHER DISPATCHER
Transpor	RECEIVED: PHONE #: PHONE #: 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."
Part 2 -	DRIVER: Cilbert Mandel DRIVER'S SIGNATURE
a la	Driver's Name Printed)
-	
	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
16:15 AM Facility	FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM
IS A	Northern Delaware Basin Landfill Wassion Tay
16: 16:	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN TIME OUT:
25 7.	
1/23/2025 7:16:15 AM Disposal Facilit	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out: 766006
	TOX: PASS FAIL N/A H,O
äm	SERVICE NOTES: Gallon Test:
Part.	This is to certify that: has received the above indicated waste, waite has passed all acceptances testing of this
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:
ceiv	White Copy: Disposal Facility Yellow: Transporter Pink: Generator
Re	

Page 77 of 251	214.292.2011 ar@ndblandfill.com	Authorized April's hunded habe and files michaile and files
	COMPANY NAME: NID 0301558215	DATE:
	LEASE: 120 20 BD 12111	PHONE:
	AFE #: 24016365 1 APt _ 30-015-532	
	RIG NAME: 1/1/02/1001, WELL #: 1241	H
	STATE & COUNTY ORIGIN: Loddy	🖾 YARDS
-	Waste Description (check only one box)	Exempt RCRA Non-Exempt
10	Water Based Cuttings (DRY) Water Based Cuttings (WET)	Contaminated Soil Produced Sands
Generator	Oil Based Cuttings (DRY) OIl Based Cuttings (WET)	Injectable Fluids Non-Injectable Fluids
ne	Oil Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
		Authorize Washout? Yes No
-	Thereby certify that according to the Resource Contenation and Resource Act the NA and the US En-	informental Protection Agency's July 1988 regulatory determination, the above described waste load
Part	is (Check the appropriate classification) RCRA EXEMPT: OriMelid wastes generated free oil and gas exploration and	of production operations and are not mixed with non-exempt water (NDB). Accepts
à		
	regulations, 40 CFN 261.21-261.24, or listed hazardous wa	ed the minimum standards for waste hazardous by characteristics established in RCRA site as defined by 40 CPR, part 261, subpart D, as amended. The following documentation
	demonstrating the waite as non-hazardous is attached. I 1055 Information D BCRA Hazardous Waite Aria	
	EMERGENCY NON-OILFIELD: Entergency non-hazardous, non-oifield waste that has be waste determination and a description of that waste must	een ordered by the Department of Public Safety (the order, documentation of non-hazardous it accompany this form)
	Phint) Authorized Agent's Name Date	. Signature
	TO BE COMPLETED BY THE TRANSPORTER	WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME (100 TEL 1990X VARD #	WHP #: TRUCK #: 5-7
ゥ	ADDRESS: TICKET #	
Isp	DATE TIME AM DISPATCI	
Transpor	RECEIVED: RECEIVED: PM NAME: _	PHONE #
17	The following statement must be signed by the tru "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VES	uck driver prior to unloading at disposal facility: SSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE?
Part 2 -	DRIVER Liller et Manael	DRIVER'S SIGNATURE:
Par	(Driver's Name Printed)	
-	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS I	
	TO BE COMPLETED BY OW	A LANDFILL EMPLOYEES
6:15 AM Facility	FACILITY RECEIVED AT (Check One): DATE:	TIME IN: AM / PM
S.A	Northern Delaware Basin Landfill	WASHOUT BY:
	2030 M BISA Mindowers 230 Link March Marchen 00303	WATER ST BIL
16:1 Fa		WASHOUT TIME IN: TIME OUT
<u>:5 7:16:1</u> sal Fa		
/2025 7:16:1 sposal Fa		Shake Out:
1/23/2025 7:16:1 Disposal Fa		Shake Out
2D: 1/23/2025 7:16:1 3 - Disposal Fa	ACCEPTANCE TESTING PAINT FILTER: PASS FAIL N/A NORM TCLP: PASS FAIL N/A TESTING TOX: PASS FAIL N/A	к но но 123 2056014
v OCD: 1/23/2025 7:16:1	ACCEPTANCE TESTING PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that:	H ₃ O ₅ H ₃ O
ed by OCD: 1/23/2025 7:16:1 Part 3 - Disposal Fa	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that: Engistique (Printed Name)	Shake Out: 1 2 3 H,0 5 5 5 5 5 5 5 5 5 5 5 5 5
0CD: 1/23/2025 7:1	ACCEPTANCE TESTING PAINT FILTERE PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that: Employee thinsed Name/ EMPLOYEE SIGNATURE:	H ₃ O ₅ H ₃ O

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Page 78 of 251	OWL Landfill Services, LLC Ids: Northern Datasense Balan Landfil Soon Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com OMPANY MAN PHONE OMPANY MAN PHONE OMPANY MAN PHONE
	COMPANY NAME: X TD D3C/55 X31 X DATE:
- Generator	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-injectable Fluids Oil Based Mud Water Based Mud Muds w/Cement Tank Bottoms Rig Trash Pit Liners Authorize Washout? Yes No
Part 1	Thereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above detailleed waste lead is (Check the appropriate classification) Otifield 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) Otifield 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) Otifield wastes which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CPR 261 21 -261 24, or listed hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous that check the appropriate items as provided) SDS information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)
	EMERGENCY NON-OLFIELD: Emergency non-hazardous, non-olifield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous weste determination and a description of that waste must accompany this form) (Pint) Adherized Agent's Name Date Signature
-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
rter	COMPANY NAME SCALLEX PRES YARD #: WHP #: TRUCK #:
⁰	ADDRESS:
Transpo	DATE TIME AM DISPATCHER DISPATCHER PHONE #:
Part 2 - 1	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:
Pal	(Oriver'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
lity	FACILITY RECEIVED AT (Check One): DATE: 9324 TIME IN: 1200 AM /PM
5 7:16:15 AM	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:
- 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 TESTING: H ₃ O United for the former fo
8m	SERVICE NOTES: MCII Gallon Test:
0 2 1	This is to certify that: has received the above indicated watte, waste has passed all acceptorizes tenting of this
Part	
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:

Page 79 of 251		Landfill Services, LLC BA: Northern Optimum Basin Landfill 39 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	COMPANY MAN SIGNATURE COMPANY MAN COMPANY MAN	EMAIL:	MANIFEST # 0357377
Part 1 - Generator	AFE Paject 10351 RIG NAME: <u>C-166</u> STATE & COUNTY ORIGIN Waste Description (chec Waste Description (chec Oil Based Cuttings (DRY) Oil Base Mud Rig Trash Other:	Y) UWAter Based Cut Off Based Cutling Water Base Mud Pit Liners	T	PHONE:	
Par	DI EMERGENCY NON-OKPIELD:	certifications on a per load basis only! Olfield waste which is non-hazardous I regulations, 40 CFR 261.21-261.24, or is demonstrating the waste as non-hazar D SDS information D RCRA Haz	that does not exceed the a sted hazardous waste as d dous is attached, (Check to ardous Waste Analysis I wante that has been ordi	renomian standards for waste haz effined by 46 CFR, part 261, subpa ve appropriate items as provided (2) Process Knowledge (2) ered by the Department of Public	ed with non-exempt weate (NDBL Accepts ardous by characteristics established in RCRA et D, as amended. The following documentation 3 Other (Provide Description Below) 3 Safety (the order, documentation of non-hazardous
		TO BE COMPLETED BY THE T	A MERCHITER WILLI	THE CENTRATORY OF	
ter	manager Co.				
	ADDRESS:	TexMex			TRUCK # 10
B		in the second	TICKET #:	AOLL OFF BIN	
Ë		ME AM	DISPATCHER NAME: \\////	h wheler	DISPATCHER PHONE #: 939-209-085
Ę.	The F	ollowing statement must be sig	ned by the truck dri	ver prior to unloading at o	
Part 2 - Transpor	DRIVER: CORINY	DEINE THAT THE INFORMATION O	DI	RIVER'S SIGNATURE:	be C Shues
Part 2	DRIVER: CORINY	COLUCT OF Deivers Name Printedi Entify that the information o	DI	RIVER'S SIGNATURE:	be C Shues
y II	DRIVER: <u>CONTINUE</u> LITRANSPORTERLO FACILITY RECEIVED AT (Check	Conflict Conf Denvers Name Printed Entry That The Information of TO BE COMP One):	DI UVER ON THIS MANIFE	RIVER'S SIGNATURE:	to THE BEST OF MY KNOWLEDGE
y II	DRIVER: CONTRANSPORTER, C L (TRANSPORTER, C FACILITY RECEIVED AT (Check Northern Delaware Basi 2029 W. NM Highway 12 ACCEPTANCE TESTING: PAIN TCLI TOX	Control of the second s	DI	INVER'S SIGNATURE: IST IS TRUE AND ACCURATE : IDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY:	Concerns
y II	DRIVER: CONTACT LITRANSPORTER, C FACILITY RECEIVED AT (Check Northern Delaware Basil 2029 W. NM Highway 12 ACCEPTANCE TESTING: PAIN TCLI TOX: SERVICE NOTES:	Control of the second s	DI UVEN ON THIS MANUFL LETED BY OWL LAN DATE: 9	INVER'S SIGNATURE: IST IS TRUE AND ACCURATE S IDFILL EMPLOYEES 	<u>во С. Shuos</u> то тне везт ор му кноwledge <u></u>
- Disposal Facility	DRIVER: CONTRANSPORTER, C L (TRANSPORTER, C FACILITY RECEIVED AT (Check Northern Delaware Basi 2029 W. NM Highway 12 ACCEPTANCE TESTING: PAIN TCLI TOX	Control of the second s	DI UVEN ON THIS MANUFL LETED BY OWL LAN DATE: 9-3 DATE: 9-3 NORM TESTING: Cless than 50 MCRI	INVER'S SIGNATURE: IST IS TRUE AND ACCURATE SIGNATURE: IDFILL EMPLOYEES TIME IN: TIME OUT: TIME IN: WASHOUT: TIME IN: WASHOUT: TIME IN: Shake Out: 1 2 1 H_30 Shake Out: I 2 1 H_30 Shake Out: I 2 1 H_30 Shake Out: I 2 1 I	Concerns

51	
Page 80 of 25.	OWL Landfill Services, LLC Did. Northern Distances facin Landfill 8201 Preston Rd., Suite 520 Dallas, TX 75225 COMPANY MAN. DAVID By Fd Watherbard Agent Human Informed Huma and Total SIGNATURE:
1	214,292,2011 ar@ndblandfill.com
	COMPANY NAME: X+0 DATE: 9-3-24
	LEASE: PLUZOBDIZYH PHONE:
	STATE & COUNTY ORIGIN/ncidentinAPP2401636869
1	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
le le	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
5	Rig Trash Pit Liners
9	Authorize Washout? Yes Z-No
, ÷	Insertity 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 1	In ICheck the appropriate classification) I IICheck the appropriate classification I IICheck the appropriate cla
0	certifications on a per load basis only!
	BCRA 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-hazandous is attached. (Check the appropriate items as provided) C) SDS Information C) RCRA Itazardous Waste Analysis C) Process Knowledge C) Other (Provide Description Below)
	Care and the second sec
	EMERGENCY NON-OUFIELD. Emergency non-hazardous, non-oiffeld 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)
	IPitel Autorited Agent's Name
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	5 7 411 4 20
E	
ġ	ADDRESS:TICKET #:ROLL OFF BIN#:TRAILER #:O
LE LE	RECEIVED: PM NAME 14/1/4 Wieler PHONE # 432-209-084-1
Part 2 - Transpor	The following statement must be signed by the truck driver prior to unloading at disposal facility:
N	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE"
E	DRIVER: CORNY Reimer DRIVER'S SIGNATURE: Back Struch
a .	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
22	FACILITY RECEIVED AT (Check One): DATE: 15/24 TIME IN: 0/04 AM / PM
AM	TIME OUT: AM / PM
6:15 AM Facility	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252
7:16	WASHOUT: TIME IN
Disposal Facility	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING. Shake Out: 0108137
	TOX. PASS FAIL N/A H,O
äm	SERVICE NOTES: Gallon Test:
Part:	This is to certify that: has received the above indicated wante, wante has passed all acceptances testing of this
ed ba	
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE: White Copy: Disposal Facility Yellow: Transporter Pink: Generator
Rei	

Page 81 of 251	OWL Landfill Services, LLC Dide Northern Delenser Basis Leville B201 Preston Rd., Suite 520 Dallas, TX 75225 214.292.2011 ar@ndblandfill.com OMPANY MAN PHONE OMPANY MAN PHONE OMPANY MAN PHONE
Dott 1. Concepture	COMPANY NAME: X + O LEASE: PLO20 BD124H AFE Boject:03CISECTIS API: 30-015-53299 RIG NAME: WELL CSCICCOCDUPY STATE & COUNTY ORIGIN: MEL CSCICCOCDUPY Waste Description (check only one box) RCRA Exempt Waste Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Big Trash Pit Liners Authorize Washout? Yes Infect Attrast generated from cal and gas exploration and group relation operations and are not mixed with non-exempt waste MOM, Accepts certifications on a par load beats only Infect Attrast destingtion Oilfield waste spheret based for waste heardous by theracteristics estableshed in RCM modementation generation is attrasted to the appropriate Beau dubtes only Inthere Oilfield waste spenerated from ca
	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)
Part 7 - Transcruttor	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: SCHTOXALOX YARD #: WHP #: TRUCK #: \$97 ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: \$2000 DATE TIME AM DISPATCHER DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: 10.11/1 10.00000000000000000000000000000000000
16:15 AM	
Received by OCD: 1/23/2025 7:	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that: Employee (Prinfied Name) MCR0 NCR0
Received	EMPLOYEE SIGNATURE: White Copy: Disposal Facility Yellow: Transporter Pink: Generator

51	
Page 82 of 25.	OWL Landfill Services, LLC Obtained Basic Landfill Services, LLC Obtained Basic Landfill Services, LLC Obtained Basic Landfill Sonarrow Aperts's Proceed Basic and Total Oompany Man Email: Ompany Man Email: Ompany Man Phone: Oompany Man Ph
	COMPANY NAME: $X \neq 0$ DATE: $7 - 3 - 24$
	LEASE PLUZO BDIZY H PHONE:
	B + + A36 106 A318 A4 6 KT + 33 1 4
	RIG NAME:
	STATE & COUNTY ORIGIN/Scident: APP 24016364
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
- Generator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
ē	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
굍	Olf Base Mud Water Base Mud Muds w/Cement Tank Bottoms
U U	Rig Trash Pit Liners Authorize Washout? Yes Z^No
Part 1	Thereby certify that according to the Resource Conservation and Receivery Act (ICRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described wasta load is (Check the appropriate classification)
10	BCRA EXEMPT Official 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)
0.	D RCRA NOW-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 261,21-261,34, or listed hazardous waste as defined by 40 CFR, part 361, subpart 0, as amended. The following documentation
	demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) SDS information C RCRA Hazardous Waste Analysis D Process Knowledge D Other (Provide Description Balow)
	Discontronmention Dimensional Matter Analysis Di Process Andwedge Di Other (Provide Description Below)
	EMERGENCY NON-OILFIELD. Emergency non-hazardous, non-oilfield waite 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 formi
	Print Automation Agent's Name Date Supervised and a supervised agent's Name
	Print purse agent hans
-	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAME: SEMTEXMEX YARD # WHP # TRUCK # 37
8	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: 3 0 9
2	DATE TIME AM DISPATCHER DISPATCHER
ē	RECEIVED: RECEIVED: PM NAME: Willy Wieles PHONE #: 433-209-0551
Part 2 - Transpor	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	
The second	DRIVER: CORNY Reilicer DRIVER'S SIGNATURE: Carly Med
a	L (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: 91329 TIME IN: 219 AM / PA
NH I	TIME OUT: AM /PM
7:16:15 AM al Facility	Northern Delaware Basin Landfill WASHOUT BY
	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:
1/23/2025 Disposi	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out: 200630
Dis Dis	TCLP: PASS FAIL N/A TESTING: 1 2 3
	remark worker VOLA I O I O I O I Best than 50 S
t m	This is to certify that:
Part	Imployee thanked higher that the master has been disposed of in an outhorized manner at a permitted site.
Received by OCD: Part 3 -	
ecei	White Copy: Disposal Facility Yellow: Transporter Pink: Generator
0	

251	
Page 83 of 251	OWL Landfill Services, LLC COMPANY MAN Der Viel (1975) MANIFEST #
e 83	004 Northern Delaware Bails LeadMi B201 Dearston Rd. Suites 520 SIGNATURE:
Pag	Dallas, TX 75225 COMPANY MAN EMAIL 0343413
	214.292.2011
	ar@ndblandfill.com
	COMPANY NAME: $X \neq 0$ DATE: $9 = 3 - 29$
	DILLOODA LOUIL
	AFE Boject-03C1558318API: 30-0/5-63242 QUANTITY: BBLS RIG NAME: WELL & C:1666911001 QUANTITY: D BBLS
	RIG NAME:
	STATE & COUNTY ORIGIN/acideat: APP2401636864
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
- Ganarator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Produced Sands Produced Sands
2	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
ŝ	Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
8	Rig Trash Pit Liners Authorize Washout? Yes Yes
-	Other:Authorize Washout? L Yes Pro
t	ti SCheck the appropriate classification)
Part	D RCRA EXEMPT: Otheld 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 Official waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in BCRA
	regulations, 40 CFR 261.21-261.24, or listed hazardious 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 Hazandous Waste Analysis 🔄 Process Knowledge 🔄 Other (Provide Description Below)
	Emergency non-hizerdous, non-pilleld weste that has been ordered by the Department of Public Safety the order, documentation of non-hizerdous
	waste determination and a description of that waste must accompany this form)
	Printl Authented Agent's Name Date Signature
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
pa la	COMPANY NAME: Sett TEX MEX YARD #:
ģ	ADDRESS: TICKET # ROLL OFF BIN#: TRAILER #: 0309
5	DATE TIME DISPATCHER DISPATCHER
5	RECEIVED: RECEIVED: PM NAME: Milly Mieles PHONE # 432-209-045
Part 2 - Transport	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."
5	- D
E.	DRIVER: COFNY KEIMER DRIVER'S SIGNATURE: DOLL Statues
•	L (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 93/20 TIME IN: 124 MAY PM
AM	TIME OUT: AM / PM
16:15 AM	Northern Delaware Basin Landfill WASHOUT BY:
	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:
25	
1/23/2025 Dispos	ACCEPTANCE TESTING PAINT FILTER PASS FAIL N/A NORM
	TOX: PASS FAIL N/A H,O
	SERVICE NOTES: Gallon Test:
0	This is to certify that: has received the above indicated wante, waste has passed all acceptances testing of this
Part	
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:

Page 84 of 25		A Landfill Servic Obt Harlten Delawar Bain 1 389 Maple Ave. Suit Dallas, TX 75219 505.231.1212 ar@ndblandfill.cc	te 300 SIGN/ 9 COM	PANY MAHL 2020 ATURE: PANY MAN EMAIL: - PANY MAN PHONE:	ter kannels versender op die bes	MANIFES 03573	2.22
	COMPANY NAME	XTO			DATE:		
	LEASE: PLO	0 BD 194	11.		PHONE:		_
	AFE Project:030	(15583/Apr: 3	0-015-53	242		BBL	5
	RIG NAME: _CC-1					20 Pr	2.00
	STATE & COUNTY ORIG	IN Incident = 11,	APP94016	36364			DS
100	Waste Description (ch	eck only one box)	R	CRA Exempt		RCRA Non-Exempt	
tor	Water Based Cuttings (Based Cuttings (WET)	C CO	ntaminated Soil	Produced Sands	
e	Oil Based Cuttings (DR)		sed Cuttings (WET)		ictable Fluids	Non-Injectable Fluik	la l
E.	Oil Base Mud Big Trash	Water Pit Lie	r Base Mud		ds w/Cement	Tank Bottoms	
-Generator	Other:			Autho	rize Washout?	Yes INO	
-	Thereby certify that according to the to Kheck the appropriate classificate	Pressure Construction and Per	covery Act (ACRA) and the L	75 Environmental Protec	tion Agency's July 1988 reg	ulatory determination, the above descrit	and waste load
Part	ETICHA EXEMPT:	Otheld wastes generated		on and production op-	rations and are not result	with non-exempt waste (NOBL Acce	pta
a .	EI IICKA NON EXEMPT:	certifications on a per load		evened the minimum	Paratarda for second barre	down by characteristics established in	10-10 A
			-361.24, or listed hazardor	us waste as defined by	40 CPR, part 261, subpart	0, as amended. The following docum	
			BCRA Hazardous Waste		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Other (Provide Description Belaw)	
	D EMERGENCY NON-ORPELD	Formation and the second			Designation of the late of	efety (the order, documentation of no	1
	C succession and a second	waste determination and a				andy tone prose, one presentation or no	n nazanalogs
	(Prixel) Authorized Agent's Name		0	Date	Eignature		
2		TO BE COMPLETED	BY THE TRANSPORT	TER WHILE THE G	ENERATOR IS PRESI	INT	
Teat	COMPANY NAME: SOM	tex Me	YARC) #:	WHP #:	TRUCK #:	0
õ	ADDRESS:	Company, Sec. 1 3	тіскі	(T #i	ROLL OFF BINA	TRAILER #:	
	Contraction of the second s					Provide and the second se	
Isu				ATCHER	Nr 1	DISPATCHER	10-080
Trans	RECEIVED:	RECEIVED:	PM NAM	11: MALLY	and the second se	DISPATCHER PHONE #1 959-96	9-085
2 - Trans	RECEIVED:	RECEIVED: following statement n	PM NAM	III: <u>1/////y</u>	r to unloading at di	DISPATCHER PHONE #1 959-96	
art 2 - Trans	RECEIVED:	RECEIVED: Following statement in HER MATERIAL HAS BE	PM NAM	IE: e truck driver price s vessel, since Lo	r to unloading at di	DISPATCHER PHONE #1 5/5 7 - 26 sposal facility:	
Part 2 - Transpor	RECEIVED:	RECEIVED: following statement n	PM NAM nust be signed by th EN PLACED IN THIS /~	IE:	e to unloading at de DADING OF MATERI. SIGNATURE:	DISPATCHER PHONE #1 5/5 7 - 26 sposal facility:	
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	RECEIVED:The "I CERTIFY THAT NO OT DRIVER: L (TRANSPORTER),	RECEIVED: following statement in HER MATERIAL HAS BE Y Reina e Obivers Name Printed CERTIFY THAT THE INFO	PM NAM nust be signed by th EN PLACED IN THIS /~	E: <u>1//7//y</u> truck driver pric VESSEL SINCE LC DRIVER'S HIS MANIFEST IS TR	T to unloading at di- DADING OF MATERI. SIGNATURE: 7 UF AND ACCURATE TO MPLOYEES	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AB	
y II	RECEIVED:The "I CERTIFY THAT NO OT DRIVER:COP 17 L (TRANSPORTER), FACILITY RECEIVED AT (Cher	RECEIVED: Following statement in HER MATERIAL HAS BE <u>A Reina</u> C Obivers Name Printed CERTIFY THAT THE INFO TO (k One):	PM NAM Nust be signed by th EN PLACED IN THIS	E: <u>1//7//y</u> truck driver pric VESSEL SINCE LC DRIVER'S HIS MANIFEST IS TR	to unloading at di- DADING OF MATERI. SIGNATURE: 7 UE AND ACCURATE TO	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AB	
y II	RECEIVED:	RECEIVED: following statement n HER MATERIAL HAS BE <u>Y Reina</u> C Sprivers Name Printed CERTIFY THAT THE INFO (CRATIFY THE INFO (CRATI	PM NAM nust be signed by th EN PLACED IN THIS / RMATION GIVEN ON TI BE COMPLETED BY DATE	DRIVER'S	E TO UNIONING AT DE DADING OF MATERI. SIGNATURE: UE AND ACCURATE TO MPLOYEES TIME IN:	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AB	
y II	RECEIVED:The "I CERTIFY THAT NO OT DRIVER:COP 17 L (TRANSPORTER), FACILITY RECEIVED AT (Cher	RECEIVED: following statement n HER MATERIAL HAS BE <u>Y Reina</u> C Sprivers Name Printed CERTIFY THAT THE INFO (CRATIFY THE INFO (CRATI	PM NAM nust be signed by th EN PLACED IN THIS / RMATION GIVEN ON TI BE COMPLETED BY DATE	DRIVER'S	E to unloading at di DADING OF MATERI. SIGNATURE: UE AND ACCURATE TO MPLOYEES TIME IN: TIME OUT: , OUT BY:	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AB DISPATCHER AL DESCRIBED IN PART 1 AB DISPATCHER PHONE #1 959-96 AL DESCRIBED IN PART 1 AB DISPATCHER AL DESCRIBED IN PART 1 AB DISPATCHER	
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y II	RECEIVED:The "I CERTIFY THAT NO OT DRIVER:COF II L (TRANSPORTER), PACILITY RECEIVED AT (Cher Northern Delaware Ba 2029 W. NM Highway ACCEPTANCE TESTING: PA TC	RECEIVED: following statement in HER MATERIAL HAS BE <u>A Reline</u> (Drivers Name Printed) CERTIFY THAT THE INFOL (CERTIFY THAT THE INFOL (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) (PM NAM Nust be signed by th EN PLACED IN THIS /- RMATION GIVEN ON TH BE COMPLETED BY DATE 88252 IL N/A NC IL N/A TES	E: <u>U////y</u> truck driver price VESSEL SINCE LC DRIVER'S MIS MANIFEST IS TR OWL LANDFILL I OWL LANDFILL I WASH WASH DRM TING	E to unloading at di DADING OF MATERI. SIGNATURE: UE AND ACCURATE TO MPLOYEES TIME IN: TIME OUT: , OUT BY:	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AB DTHE BEST OF MY KNOWLEDGE	
y II	RECEIVED:Tw "I CERTIFY THAT NO OT DRIVER:COF II L (TRANSPORTER), FACILITY RECEIVED AT (Cher Northern Delaware Ba 2029 W. NM Highway ACCEPTANCE TESTING: PA TC TO	RECEIVED: following statement in HER MATERIAL HAS BE <u>A Reline</u> (Drivers Name Printed) CERTIFY THAT THE INFOL (CERTIFY THAT THE INFOL (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) (PM NAM Nust be signed by th EN PLACED IN THIS /- RMATION GIVEN ON TH BE COMPLETED BY DATE 88252 IL N/A NO IL N/A TES IL N/A TES IL N/A	E: WESSEL SINCE LC DRIVER'S MIS MANIFEST IS TR OWL LANDFILL I OWL LANDFILL I WASH WASH	to unloading at di DADING OF MATERI SIGNATURE: UE AND ACCURATE TO MPLOYEES TIME IN: TIME IN: TIME OUT: DUT BY: DUT:TIME IN	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AD DALES THE BEST OF MY KNOWLEDGE 100 AM/DA AM/DA AM/DA AM/DA	
y II	RECEIVED:The "I CERTIFY THAT NO OT DRIVER:COF_IP L (TRANSPORTER), FACILITY RECEIVED AT (Cher Northern Delaware Ba 2029 W. NM Highway ACCEPTANCE TESTING: PA TC TO SERVICE NOTES:	RECEIVED: following statement in HER MATERIAL HAS BE <u>A Reline</u> (Drivers Name Printed) CERTIFY THAT THE INFOL (CERTIFY THAT THE INFOL (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) (PM NAM Nust be signed by th EN PLACED IN THIS / RMATION GIVEN ON TI BE COMPLETED BY DATE 88252 IL N/A IL	E: <u>U/////y</u> to truck driver price vessel, since Lo DRIVER'S MIS MANIFEST IS TR OWL LANDFILL I WASH WASH WASH WASH WASH WASH WASH WASH SCI	to unloading at dispanding of MATERI. SIGNATURE: UI AND ACCURATE TO MPLOYEES TIME IN: TIME OUT: DUT BY: DUT:TIME IN Shake Out: 1 2 3	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AB DIFFE BEST OF MY KNOWLEDGE UND AM/PM AM DIFFE DESCRIBED IN PART 1 AB DIFFE BEST OF MY KNOWLEDGE DIFFE BEST OF MY KNOWLEDGE	ove."
y II	RECEIVED:Tw "I CERTIFY THAT NO OT DRIVER:COF II L (TRANSPORTER), FACILITY RECEIVED AT (Cher Northern Delaware Ba 2029 W. NM Highway ACCEPTANCE TESTING: PA TC TO	RECEIVED: following statement in HER MATERIAL HAS BE <u>A Reline</u> (Drivers Name Printed) CERTIFY THAT THE INFOL (CERTIFY THAT THE INFOL (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) CERTIFY THAT THE INFOL (Drivers Name Printed) (Drivers Name Printed) (PM NAM Nust be signed by th EN PLACED IN THIS	E: <u>U/////y</u> te truck driver price VESSEL SINCE LC DRIVER'S MIS MANIFEST IS TR OWL LANDFILL I WASH WASH WASH WASH UNASH UNASH UNASH UNASH DRM UNASH DRM DRM DRM DRM DRM DRM DRM DRM	to unloading at di DADING OF MATERI. SIGNATURE: UI AND ACCURATE TO MPLOYEES TIME IN: TIME OUT: , DUT BY: DUT: TIME IN DUT: TIME IN Shake Out: 1 2 3 the above indicated wants,	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AD DALES THE BEST OF MY KNOWLEDGE 100 AM/DA AM/DA AM/DA AM/DA	
: 1/23/2025 7:16:15 AM - Disposal Facility	RECEIVED:The "I CERTIFY THAT NO OT DRIVER:COF_IP L (TRANSPORTER), FACILITY RECEIVED AT (Cher Northern Delaware Ba 2029 W. NM Highway ACCEPTANCE TESTING: PA TC TO SERVICE NOTES:	RECEIVED: following statement in HER MATERIAL HAS BE <u>A Reline</u> (Driver's Name Printed) CERTIFY THAT THE INFOL TO (k One): sin Landfill 128 Jal, New Mexico INT FILTER: PASS FA LP: PASS FA X: PASS FA	PM NAM Nust be signed by th EN PLACED IN THIS	E: <u>U/////y</u> te truck driver price VESSEL SINCE LC DRIVER'S MIS MANIFEST IS TR OWL LANDFILL I WASH WASH WASH WASH UNASH UNASH UNASH UNASH DRM UNASH DRM DRM DRM DRM DRM DRM DRM DRM	to unloading at di DADING OF MATERI. SIGNATURE: UI AND ACCURATE TO MPLOYEES TIME IN: TIME OUT: , DUT BY: DUT: TIME IN DUT: TIME IN Shake Out: 1 2 3 the above indicated wants,	DISPATCHER PHONE #1 959-96 sposal facility: AL DESCRIBED IN PART 1 AD DALES THE BEST OF MY KNOWLEDGE THE BEST OF MY KNOWLEDGE AM/DA THE BUT TIME OUT TIME OUT Callon Test:	

Page 85 of 251	OWL Landfill Services, LLC Disk interview Tasks Landfill Services, LLC Disk interview Tasks Landfill South South South South South South South
tor	COMPANY NAME: XTD LEASE: PLO DD AFE #: API: 3D-015-532/2) RIG NAME: WELL #: 1241 H STATE & COUNTY ORIGIN: WELL #: 1241 H Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt Waster Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soli Produced Sands
Part 1 - Generator	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Interview of the Based Mud Oil Base Mud Water Base Mud Water Base Mud Muds w/Cement Tank Bottoms Interview of the Based Suttings (WET) Otheri Interview of the Based Suttings (WET) Interview of the Based Suttings (WET) Otheri Interview of the Based Suttings (WET) Interview of the Based Suttings (WET) Otheri Interview of the Based Suttings (WET) Interview of the Based Suttings (WET
itter	COMPANY NAME:
Part 2 - Transpo	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: DATE TIME AM DISPATCHER DISPATCHER DATE RECEIVED: PM NAME:
7:16:15 AM	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM Image:
25	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:
Received by OCD: 1/23/2025 7:1 Part 3 - Disposal	PACILITY RECEIVED AT (Check One): DATE: 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 ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TOX: PASS FAIL N/A TOX: PASS FAIL N/A Berkvice NOTES: ILeus than 9D MCRI H ₃ O Environment of the above indicated wate, water hos posted all acceptances testing of the facility and the wate has been dispased of manner at a permitted pre- Employee (Hinted Hame) Yellow: Transporter Pink: Generator

Page 86 of 251	OWL Landfill Services, LLC DBA TBothers Declement Basis Landfell COMPANY MAN_Date Company Provide Rests and Titlet MANIFEST #
Page	3889 Maple Ave. Suite 300 SIGNATURE NO Dallas, TX 75219 S05.231.1212 COMPANY MAN EMAIL: NO ar@ndblandfill.com COMPANY MAN PHONE: O O
	COMPANY NAME: XTO DATE: 9557541988 - 56-76
	LEASE: PLV2010124H PHONE:
	AFE #: 03015583/8 APE 30-015-53242 QUANTITY: BBLS
	RIG NAME: WELL #: CC/6662//CO/ ZO_ Z-YARDS
	STATE & COUNTY ORIGIN: _3-AU92401636.854
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
Generator	Water flased Cuttings (DRY) Water flased Cuttings (WET) Contaminated Soil Produced Sands Oil flased Cuttings (DRY) Oil flased Cuttings (WET) Injectable Fluids Non-Injectable Fluids
era	Oil Based Cuttings (DIIY) Oil Based Cuttings (WET) Oil Base Mud Oil Base M
en	Rig Trash Pit Liners
1.1	
E	Envelop certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Envelopmental Protection Agency's July 1988 regulatory determination, the above described werte loss is (Check the appropriate classification)
Part	CI IPCRA EXEMPT: Official wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste OVDBL Accepts certifications on a per load basis only)
	BICRA NON-EXEMPT: Oiffield 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 loted 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 RCRA Hazardous Waste Analysis O Process Knowledge O Other (Provide Description Below)
	E Emergency non-hazardous, non-oilfield waite 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)
	(hert) Authorized Agent's Name Date Date
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
rter	COMPANY NAME Sen Tex Mex YARD # WHP # TRUCK # 53
å	ADDRESS: TICKET #: ROLL OFF BINH: TRAILER #: 298
ue ue	DATE TIME AM DISPATCHER DISPATCHER DISPATCHER DISPATCHER DISPATCHER DISPATCHER
Part 2 - Transport	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."
t	DRIVER: Tool Chica
B	Inversion Printed
-	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
4W	TIME OUT: AM / PM)
6:15 AM Facility	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jul, New Mexico 88252 WASHOUT BY:
7:16	WASHOUT: TIME IN: TIME OUT:
Disposal Facilit	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TCLP: PASS FAIL N/A TESTING: 1 2 3 268300
	GERUITE MOTES
00mt	This is to certify that
d by OC	facility and the waste from been disposed of in an authorized manner at a permitted site.
Received by OCD: Part 3 -	EMPLOYEE SIGNATURE:
Rec	A A A A A A A A A A A A A A A A A A A

Page 87 of 251	OWL Landfill Ser DBA: Northern Delawater 3889 Maple Ave. Dallas, TX 79 505.231.12 ar@ndblandfi	Suite 300 SIGNATURE: . 5219 COMPANY MA	(Addressed Agent's General Rame and Yold)	MANIFEST #
	COMPANY NAME: XTO		DATE:/4/_24	
	LEASE: Plu 2.0 BD		PHONE 575,552	3.7.89
	AFE #: API:		QUANTITY:	BBLS
	RIG NAME:	WELL #: 12414	- 70	E YARDS
	STATE & COUNTY ORIGIN:			
100	Waste Description (check only one box	Name and Address of the Owner o		n-Exempt
itoi		Water Based Cuttings (WET)		Produced Sands
era		Oil Based Cuttings (WET) Water Base Mud		Non-Injectable Fluids
Generator		Pit Linen		
9	Other:		Authorize Washout?	the second s
t 1	Thereby certify that according to the Resource Conservation a is ICheck the appropriate classification)	and Recovery Act (RCRA) and the US Emilion	mental Protection Agency's July 1988 regulatory deter	minution, the above described waste load
Part	CHERA COUMPT: Official westers gener certifications on a pe		odiaction operations and are not mixed with non-a	wempt waste (NDBL Accepts
	RCIA NON-EXEMPT: Orifield waste which regulations, 40 CFR 2	is non-hazardous that does not exceed th 261,21-261,24, or listed hazardous waste a	re minimum standards for waste hazardous by chu is defined by 40 CFR, part 261, subpart D, as amen	racteristics established in IICBA doit. The following documentation
	damonstrating the v	Waste as non-hazardous is attached. (Chec		de Description Belowi
		ardous, non-oilfield waste that has been o s and a description of that waste must acc	edered by the Department of Public Safety (the or ompany this form)	der, documentation of non-hazardous
		CONTRACTOR OF A DESCRIPTION OF A		
	Ofentil Authorized Agent's Name	jan Date	Signature	
	Contraction of the second s	WebCAL PROPERTY CONTINUES IN	Signature	
ter	TO BE COMPLE	TED BY THE TRANSPORTER WH	A DESCRIPTION OF TAXABLE PARTY.	TRUCK # 53
	TO BE COMPLE	TED BY THE TRANSPORTER WH	ILE THE GENERATOR IS PRESENT	TRUCK #: <u>53</u>
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	COMPANY NAME: 5 CM Tex D ADDRESS:	AM AM YARD #:	ILE THE GENERATOR IS PRESENT WHP #: ROLL OFF BINE: DISPUTED IN THE PHOT	TRAILER #: ATCHER #E #: <u>432 20908</u> 5
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Page 88 of 251	OWL Landfill Services, LLC DAA Mainteen Datasees Basia Landfil Solar Torreston Rd., Suite 520 Dailas, TX 75225 214.292.2011 ar@ndblandfill.com OMPANY MAN PHONE: OMPANY MAN PHONE: OMPANY MAN PHONE: OMPANY MAN PHONE:
	COMPANY NAME: X T Q LEASE: PI U 20 BD AFE #: API: 30-16715.572212 PHONE: 575.552.37.99 RIG NAME: WELL #: 124/11 0UANTITY: 0 BBLS STATE & COUNTY ORIGIN: WELL #: 124/11 20 0 YARDS
- Generator	
Part 1	Interely certify that according to the Resource Conservation and Recovery Act (RCAX) and the OS Environmental Protection Agency's Ady 1988 regulatory determination, the above described waite load is (Check the appropriate classification) Interely certify that according to the Resource Conservation and Recovery Act (RCAX) and the OS Environmental Protection Agency's Ady 1988 regulatory determination, the above described waite load is (Check the appropriate classification) Interely certify that according to the Resource Conservation and gas exploration and production operations and are not mixed with non-exempt waste (NDB), Accepts certifications on a per load basis only) Interely certifications on a per load basis only Other (Provide Description Below) Other (Provide Description Below) SOS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-herardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-herardous waste determination and a description of that waste must accompany this form)
-	Pres Autoriaid Agents Hume Data
nsporter	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
- Transpoi	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: S.C.M. T.C.X. ////X. YARD #: WHP #: TRUCK #: S.S. ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: TRAILER #: TRAILER #: DATE TIME AM DISPATCHER DISPATCHER DISPATCHER RECEIVED: RECEIVED; PM NAME: PHONE #: TRAILER #: The following statement must be signed by the truck driver prior to unloading at disposal facility: TCERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: THAT WAY AND THE MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
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y Part 2 - Transpoi	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: SOMETING TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: SOMETING TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: SOMETING TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: SOMETING TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: DATE TIME AM DISPATCHER DISPATCHER DATE RECEIVED: RECEIVED: AM DISPATCHER DISPATCHER 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: TO ERTIFY 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 SIGNATURE: DRIVER'S SIGNATURE:
7:16:15 AM al Facility Part 2 - Transpoi	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME: Son Tex Alex YARD #: TRUCK #: TRUCK #: Son ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: TRAILER #: DATE TIME AM DISPATCHER DISPATCHER DISPATCHER DATE TIME AM DISPATCHER DISPATCHER DISPATCHER PHONE #: The following statement must be signed by the truck driver prioz 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." ORIVER: GRIVER'S SIGNATURE: CONVERT URIVER'S NAME Printed! L (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY RNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
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V23/2025 7:16:15 AM Disposal Facility Part 2 - Transpoi	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME State State ADDRESS;

1



APPENDIX F

Laboratory Analytical Reports & Chain of Custody Documentation



November 22, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 11/21/24 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/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 TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/20/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 63 B 7 (H247119-01)

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	11/21/2024	ND	1.99	99.4	2.00	3.25	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	3.21	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.00	100	2.00	3.45	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.95	99.1	6.00	3.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	80.0	16.0	11/22/2024	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	11/22/2024	ND	205	103	200	6.85	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	185	92.3	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/20/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 64 A 10 (H247119-02)

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	11/21/2024	ND	1.99	99.4	2.00	3.25	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	3.21	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.00	100	2.00	3.45	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.95	99.1	6.00	3.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	224	16.0	11/22/2024	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	11/22/2024	ND	205	103	200	6.85	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	185	92.3	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/20/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 10 4-10 (H247119-03)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.25	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	3.21	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.00	100	2.00	3.45	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.95	99.1	6.00	3.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/22/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2024	ND	205	103	200	6.85	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	185	92.3	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

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*=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

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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Page 95 of 251



June 26, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

Enclosed are the results of analyses for samples received by the laboratory on 06/20/24 14:18.

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 TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 04 0.5' (H243638-01)

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	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	65.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 05 0.5' (H243638-02)

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	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	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	384	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	17.9	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	66.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 06 0.5' (H243638-03)

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	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 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	80.0	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	71.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 07 0.5' (H243638-04)

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	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	54.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	53.3	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 08 0.5' (H243638-05)

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	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	59.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.6	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 09 0.5' (H243638-06)

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	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	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	384	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	63.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.2	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 10 0.5' (H243638-07)

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	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	416	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.8	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 11 0.5' (H243638-08)

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	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	192	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	62.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 12 0.5' (H243638-09)

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	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	59.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 13 0.5' (H243638-10)

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	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	192	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	65.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 14 0.5' (H243638-11)

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	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	800	16.0	06/24/2024	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	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	61.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.3	% 49.1-14	8						

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Notes and Definitions

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

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

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

i show

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

Company Name: Ensolum, LLC	TC		BILL TO		ANALYSIS REQUEST
Project Manager: Tracy Hillard	nd	14	P.O. 8;		
Address: 3122 National Parks Hwy	ts Hwy	0	Company: XTO Energy	/ Inc.	
City: Carlsbad	State: NM	Zip: 89220 At	Attn: Amy Ruth		
Phone #: 5759373906	Faxit	Ac	Address: 3104 E Green	2	
Project #: 03C1558318	Project Owner: XTO		City: Carlsbad		
Project Name: PLU 29 Brushy Draw 124H	ty Draw 124H	22	State: NM Zip:88220		
Project Location: 32.11175, -103.90504	103.90506	14	Phone II:		
Sampler Name: Joshua Boxley	ley	Fa	Fax 8:		
CNO 311 IN INVIDU		0. WATROX	MESERV SAM	SAMPLING	7
Lab I.D. Sample I.D.	3.0	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		BIEX TPH	Chlorides
	5.0	a X	10 61104	1215 X X X	
2 5555				1120	
9067 8				12.W	
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Received by OCD: 1/23/2025 7:16:15 AM

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

CARDIN aboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

mar 2 & 2

Project Manager: Tracy Hillard Company Name: Ensolum, LLC **City: Carlsbad** MUMER WITH LINEAR WITH AN Project #: 03C1558318 Phone #: 5759373906 Address: 3122 National Parks Hwy H24 34 38 Project Location: 32.11175, -103.90606 Project Name: PLU 20 Brushy Draw 124H ampler Name: Joshua Bodey Winquished By Lab I.D. COLORADOR DATA NO. \$ Sample I.D. (575) 393-2326 FAX (575) 393-2476 ł Fax # Project Owner: XTO State: 0.5 (feet) Z Z Zip: 88220 LO (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER NATING: < 500. ÓĬ, SLUDGE OTHER State: NM City: Carlsbad P.O. 8; Company: XTO Evergy Inc. 調整時 Attn: Amy Ruth Phone #: Address: 3104 E Green St ACID/BASE でなるがあたい CE/COOL " BILL TO OTHER Zip:88220 DATE Parent in SAMPLING. Section TIME 75 BIEX. X 194 chlorides ANALYSIS REQUEST

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July 19, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

Enclosed are the results of analyses for samples received by the laboratory on 07/15/24 14:27.

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 TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	07/15/2024	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 01 0.5' (H244204-01)

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	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	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	336	16.0	07/16/2024	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	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	07/15/2024	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 02 0.5' (H244204-02)

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	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	208	16.0	07/16/2024	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	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					
Surrogate: 1-Chlorooctane	107	48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	07/15/2024	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 03 0.5' (H244204-03)

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	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	07/16/2024	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	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	07/15/2024	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 03 B 2' (H244204-04)

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	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	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	160	16.0	07/16/2024	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	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	07/15/2024	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 04 C 3' (H244204-05)

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	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/16/2024	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	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					
Surrogate: 1-Chlorooctane	116 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	07/15/2024	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

Sample ID: SS 14 A 1' (H244204-06)

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	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	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	16.0	16.0	07/16/2024	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	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CARDINAL	Laboratories
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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August 22, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

Enclosed are the results of analyses for samples received by the laboratory on 08/20/24 13:45.

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,

mile Singh

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



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/20/2024	Sampling Date:	08/16/2024
Reported:	08/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558434	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11175,-103.90606		

Sample ID: FS 02 1 (H245048-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.18	109	2.00	3.93	
Toluene*	<0.050	0.050	08/22/2024	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.21	111	2.00	3.37	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.86	114	6.00	2.92	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	560	16.0	08/21/2024	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	08/21/2024	ND	238	119	200	2.41	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	222	111	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

mite Sugar

Mike Snyder For 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

mite Sugar

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

City Project Manager: Tracy Hillard Company Name: Phone #: uddress: 3122 National Parks Hwy Project Location: Project Name: Toject #: Vampler Name: AHSOH ACCURATE AND ADDRESS OF ADDRESS O Relinguished By: Lab I.D. ALC: NUMBER OF STREET iquished By The second second Carlsbad k N 337 267-8307 man Bankrow was : 03C1558434 Connor Whilman PLU 20 Brushy Draw 124H (STS) 393-2326 FAX (STS) 393-2476 Sample I.D. Ensolum, LLC 1202-Project Owner: Fight St. State:NM Sample Depth Duty Time (1001) Zip: 882220 XTO (S) (S)RAB OR (C)OMP Received By: Received By: LS # CONTAINERS Rodeique GROUNDWATER WASTEWATER WATRIE COLUMN TWO IS NOT 504 OR. SLUDGE P.0. 8: 中国に State: NM Zip: 88220 cay: Carlsbad Autor: Army Ruth Company: XTO Energy Inc address: 3104 E. Green St. OTHER Phone #: ACID/BASE PARTICIPAL PROPERTY. ICE / COOL CHECKED BY BILL Designed restrict (N) design (OTHER 11-51-18 DATE 10 CONTRACTOR parent, State 1100 and out All Results are employed. TIME REMARKS: Varbal Reaut toestigensckin.com, TMonissey@ensolun.com, THitard@ensolun.com up 000-p640n jo kdoo puer menu 10 10 IN 10 10 l BTEX Cost Certier: 1008211001 TPH O Yes CHLORIDE Please provide Email address: Ş Mandard D No ANALYSIS Add Phone # actoria (only) Sample Condition Incident ID: NAPP240183888 Contraction com REQUEST

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

Page 123 of 251



Page 4 of 4



August 22, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

Enclosed are the results of analyses for samples received by the laboratory on 08/20/24 13:45.

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,

mile Singh

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



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/20/2024	Sampling Date:	08/16/2024
Reported:	08/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558434	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11175,-103.90606		

Sample ID: FS 01 1 (H245049-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.18	109	2.00	3.93	
Toluene*	<0.050	0.050	08/22/2024	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.21	111	2.00	3.37	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.86	114	6.00	2.92	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	176	16.0	08/21/2024	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	08/21/2024	ND	238	119	200	2.41	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	222	111	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

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



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/20/2024	Sampling Date:	08/16/2024
Reported:	08/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558434	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11175,-103.90606		

Sample ID: FS 03 2 (H245049-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.18	109	2.00	3.93	
Toluene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.21	111	2.00	3.37	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.86	114	6.00	2.92	
Total BTEX	<0.300	0.300	08/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	96.0	16.0	08/21/2024	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	08/21/2024	ND	238	119	200	2.41	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	222	111	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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mite Sugar

Mike Snyder For 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

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

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ame: PLU 20 Brushy D	State: NM	20px 802/20
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 128 of 251



August 29, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 08/27/24 13:47.

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



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 04 1' (H245192-01)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	QM-07
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	QM-07
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	QM-07
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	QM-07
Total BTEX	<0.300	0.300	08/28/2024	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	08/28/2024	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	08/27/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	P						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 05 1' (H245192-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	240	16.0	08/28/2024	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	08/27/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 06 1' (H245192-03)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	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	112	16.0	08/28/2024	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	08/27/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 07 1' (H245192-04)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	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	224	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 08 1' (H245192-05)

BTEX 8021B	mg	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 09 1' (H245192-06)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	176	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 10 1' (H245192-07)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	160	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 11 1' (H245192-08)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	144	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 12 1' (H245192-09)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	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	176	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 13 1' (H245192-10)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 14 1' (H245192-11)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	128	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 :	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 15 1' (H245192-12)

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	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	144	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 16 1' (H245192-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	432	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 17 1' (H245192-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	400	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 18 1' (H245192-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	464	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 19 1' (H245192-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	272	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 20 1' (H245192-17)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	112	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 21 1' (H245192-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	272	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 22 1' (H245192-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 26 1' (H245192-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/28/2024	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	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 27 1' (H245192-21)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	192	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 29 1' (H245192-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	464	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.4	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 30 1' (H245192-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	336	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 31 1' (H245192-24)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	208	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 32 1' (H245192-25)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	70.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 33 1' (H245192-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	80.0	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 34 1' (H245192-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	128	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 37 1' (H245192-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	304	16.0	08/28/2024	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	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 38 1' (H245192-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	144	16.0	08/28/2024	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	08/28/2024	ND	201	101	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	194	97.0	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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

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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	L W	Relinquished By:	PLEASE MOTE: Landy was burning to well- analyses in course without a burning to well- person in no away and the burning to well-	10	soe	2	6	J.	<u>c</u> u	20	2	1845A3	Lab I.D.	ACKNOW THE THE DATE	Sampler Name: J0550 Dorman	Project Location:	Project Name:	Project #: : 000	著 第	city: Carlsbad	Address: 3122 Ni	Project Manager: Tracy Hillard	Company Name:
L.,	2	and a summer of the summer of the	some control is not control and the second sec second second sec	E513	FSIL	6154	4509	8053	F 7	E or	1054		Sample I.D.		isse Dorman	32, 11170, -103, 90534	PLU 20 Brushy	: 03C1558318 & 03C1558482	575-937-3906		Address: 3122 National Parks Hwy	Fracy Hillard	Enselum LLC
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To p ont	Thilland@eniolan.com BEMARKS Cost Center		111	131011	1305	122	1910/	1 581	1750	11/12/2	and the second	TIME	TEX	SAMPLING			30		Green St.		Energy Inc.		
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Received by OCD: 1/23/2025 7:16:15 AM

Tate with the set function of the set of the		EVE	5.2.5	Lab I.D.	Sampler Name: J055 Reception (m)	340	Sound Contract	*		caty: Cartsbad	Address: 3122 National Parks Hwy	2	Company Name:	101 (5
One)	4	FS18 FS18	ESI4	Sample I.D.	Jesse Lonnan	32,11170, -103.90534	PLU 20 Brushy Draw 124H & 105H	: 0301558318 & 0301558482 Project Owner:	-3906		ional Parks Hw	acy Histard	Ensolum, LLC	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Fanau Fanau Manau	3	1		Sample Depth (Noot)		10534	Draw 124H & 1	482 Project Ow		State:NM	X			I, Hobbs, NM 88240 FAX (575) 393-2476
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lag				SOIL OIL BLUDGE OTHER ACIDHASE	MATROX PRO	Phone R	State:	Onyr	Ausda	Ame	Com	P.O. #		
And oncome			March 8	ICE / COOL OTHER	VASIA	14	NM Zip: 88220	city: Carlsbad	Address: 3104 E	Attin: Army Ruth	Company: XTO Ei	帮助	BILL TO	
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CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240 (\$75) 393-2326 FAX (\$75) 393-2476

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Company Name: Ent	Ensolum, LLC			BILL TO	10		ANA	ANALYSIS REQUEST
Project Manager: Trucy Hillard	Hillard			P.O. 8:			I	
Address: 3122 National Parks Hwy	al Parks Hw	N.		Company: XTO E	Energy Inc.	_		
city: Cartsbad		State:NM	Zip: 88220	Ann; Arny Ruth		_		
Phone #: 575-937-3906	906	Fax #:		Address: 3104 E.	Green St.	-		
Project #: 03C155831	00C1558318 & 00C1558482	82 Project Owner:	mer: XTO	city: Carlsbad				
Project Name: PLU	20 Brushy	PLU 20 Brushy Draw 124H &	105H	State: NM Zip:	Zip: 88220			
â	32.11170, -103	-103.90534		Phone #:				
Sampler Name: Jesse Dorman	Dorman			Pax 8:				
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Received by OCD: 1/23/2025 7:16:15 AM

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

Page 34 of 35

Page 162 of 251

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 1/23/2025 7:16:15 AM

Company Name: Ensolum, LLC		BILL TO	ANALYSIS REQUEST
Project Manager: Tracy Hillard		P.O. #:	
Address: 3122 National Parks Hwy	KN	Company: XTO Energy Inc.	
caty: Cartsbad	State: NM Zip: 88220	Anne Army Ruth	
Phone #: 575-937-3906		Address: 3104 E. Green St.	
Project #: 03C1558318 & 03C1558482	182 Project Owner: XTO	cay: Carisbad	
ALLO .	PLU 20 Brushy Draw 124H & 105H	State: NM Zip: 88220	
on: 32.11170,	-103.90534		
Sampler Name: Jesse Donnan		Faix #:	
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Lab I.D. Sample I.D.		DATE	TPH CHLORIDE
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CARDINAL Laboratories

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September 16, 2024

DAVID MCINNIS ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 15:39.

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 DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 01 0-1' (H245551-01)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	432	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 02 0-1' (H245551-02)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	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	144	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 23 2' (H245551-03)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	224	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 24 2' (H245551-04)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	240	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	68.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.4	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 25 1' (H245551-05)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	448	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 28 1' (H245551-06)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 35 2' (H245551-07)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	160	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 36 1' (H245551-08)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	176	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 05 0-2' (H245551-09)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	288	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 39 4' (H245551-10)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	128	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 40 2' (H245551-11)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	720	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 42 2' (H245551-12)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	272	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	63.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

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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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 15 of 16

Company Name: Ensolutin, LLC Project Manager: David McInnis Address: 3122 National Parks Hwy	ks Hwy	Energy	Inc.	
city: Carlsbad	State: NM Zip: 88220	Ann, Arriy Ruth		
¥		Address: 3104 E. Green	n St.	
Project #: 03C1558318 & 03C1558482	C1558482 Project Owner: XTO	cny, Cartsbad		
1000	PLU 20 Brushy Draw 124H & 105H	State: NM Zp: 68220		
ă	103 90634	Phone #:		
a segure second and the second s		Ware Di		
Sampler Name: Josso Dorman		1000		
and junier inte	P	ANTEGRAM		
Lab I.D. Sample	ID. Sample Organ (See Organ) (SUPAE OR (C)OMP A CONTAINERS GROUNDWATER WASTEWATER SOIL			
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	24			
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Rulinquilabed By:	the contraction		All Rassalts are enabled. Please provide Email address: Thilan@oracium.com TMonistey@onacium.com.	radum.com, NeumaconGensolum.com
Ratinguished By:	Cuter Contract By:	(m)	Cost Center: 22340/1001 & 1006211001 Isobert ID: 14	A 1996211001 Incident ID: nutripolative39884 & nutripolatios57797
	On the fame of Contraction of Contraction	Condition CHECKED BT. Inset (Initial)	1961 Part Participant	Burlaria (only) Sample Condition Could Intact Observed Temp 'C Press we conscisul Temp, 'C

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 1/28/2025 2:37:00 PM

Relinquished By: Relinquished By: Bangeler - UPS - Bus - Other:	동안 문화 문화 감	
Instrumentation Instrumentation	State: NIM Zip: 88220 Fax 8: Project Owner: XTO Somple Depth 2 105H Solution (C)OMP. Semple Depth (C)OMP. Solution	
Aldon CHECOGD BY Checkadd C		BILL TO
The second seco	BTEX TPH CHLORIDE	ANALYSIS REQUEST

Page 179 of 251



September 16, 2024

DAVID MCINNIS ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 15:39.

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 DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 53 2' (H245552-01)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 54 2' (H245552-02)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 55 2' (H245552-03)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	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	128	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 56 2' (H245552-04)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	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	160	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 57 2' (H245552-05)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	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	176	16.0	09/13/2024	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	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 58 2' (H245552-06)

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	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	192	16.0	09/13/2024	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	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 59 2' (H245552-07)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	176	16.0	09/13/2024	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	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 60 2' (H245552-08)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/13/2024	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	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 61 2' (H245552-09)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	192	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 62 2' (H245552-10)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	256	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Notes and Definitions

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 1/23/2025 7:16:15 AM

Average (c.sc)	and and see and	BILL TO	AN	ANALYSIS REQUEST
norther Manager Provid Meinnig		P.O. 8:		
	<	company: XTO Energy Inc.	Inc.	
Addings of the recommendation	Statu: NM Zip: 88220	Attec Army Ruth		
phone # 409-454-3009		Address: 3104 E. Green St.	n St.	
1.1	82 Project Owner: XTO	cay: Carlsbad		
	91	State: NM Zp: 88220		
Project Nation: 32.11170, -103.90534	2634	Phone #:		
11		Farefr		
Sampler Name: Jesse Donnen		NAME AND	DWG	
tation	KS TER IR		DE	
Lab I.D. Sample I.D.	GIRALI OR (CION CONTAINERS GROUNDWATER WASTEWATER OR. OR.		BTEX TPH CHLORIDI	
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September 16, 2024

DAVID MCINNIS ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 15:39.

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 DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 63 2 (H245554-01)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	736	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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

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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Black Black <th< th=""><th>chi Omel</th><th>519</th><th>Sample I.D.</th><th>32,11170, -103.5 see Dorman</th><th>PLU 20 Brushy</th><th>58318 & 03C15584</th><th>4-3009</th><th>And And And And And And And And And And</th><th>tional Parks Hw</th><th>Entolum, LLC</th><th>575) 393-2326 FA</th></th<>	chi Omel	519	Sample I.D.	32,11170, -103.5 see Dorman	PLU 20 Brushy	58318 & 03C15584	4-3009	And	tional Parks Hw	Entolum, LLC	575) 393-2326 FA
BILL TO P.O. 8: Company: XTO Energy In Address: 3104 E. Green: City: Carlsbad Sua:: NM Zip: 88220 Proce # Proce #	de E	a constant of the second of th	C (G)RAB OR (C)OMP.	20534	Draw 124H & 105H	Project Owner:		State:NM Zip:	<		austee level w
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September 16, 2024

DAVID MCINNIS ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 15:39.

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 DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 07 0-3' (H245555-01)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	160	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 08 0-3' (H245555-02)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	160	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 09 0-2' (H245555-03)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	192	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 48 4' (H245555-04)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 03 0-2' (H245555-05)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	160	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	68.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 04 0-2' (H245555-06)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: SW 06 0-2' (H245555-07)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	160	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 65 2' (H245555-08)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	256	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 69 3' (H245555-09)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 76 2' (H245555-10)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 77 3' (H245555-11)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	208	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 79 2' (H245555-12)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 82 2' (H245555-13)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 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

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240 (575) 393-2328 FAX (575) 393-2476

Project Manager: David Mcinnis	Entrolum, LLC			8	BILL TO			ANAL	YSIS RE	QUEST
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Address: 3122 National Parks	ational Parks Hwy	Ŵ		Company: XTO	TO Energy Inc.	-				
city: Carlsbad		State, NM	Zip: 88220	Attn. Amy Ruth	outh					
Phone #: 409-45	409-454-3009	Fax B		Address: 3104	04 E. Green St.					
Project #: 03C15	03C1558318 & 03C1558482	82 Project Owner:	wher: XTO	cay, Carlsbad						
Project Name: 1	PLU 20 Brushy Draw 124H &	Draw 124H &	105H	State: NM	Zip: 88220	5				
Project Location:	32.11170, -103.90534	MC904		Phone it	State of the second					
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Sampler Name: J0350	sse Lorman			Fax #:						
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Participant and	1	P1224	Received By:		Verbal Result	Thirs	194	IVAN ANT	Add Phone R	

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Incostit ID: INPP2401026864 & INPP2405057197

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

and the second second alinguished By: City Project Manager: David Monnis Address: 3122 National Parks Hwy STATES IN CASE OF STATES. 55.422 Lab I.D ACTING INSTANDARY ACTING ampter Name: Josse Dorman nojout #: company Name report Location; reject Name: wind by (Circle Oral) one # her - UPS - Bus - Other quinhed By of furnity particular Carlsbad 409-454-3009 NEO 00C1558018 & 00C1558482 101 East Marland, Hobbs, NM 88240 PLU 20 Brushy Draw 124H & 105H Sample I.D. 32.11170, -103.90534 575) 393-2326 FAX (575) 393-2476 Envolum_ULC 58-22. 19539 KU Que Dute et. Ĩ Sample Dept Page 19 Gardinal cannot accept verbal changes. Please email chaoges to celey keene@cardinallabanm.com Project Owner: XTO State: NM i i (Press) 639 Received By Received By 20 COMPANIOR (C)OMP \$ Zip: 88220 P. 4 A CONTABLE SE GROUNDWATCH Cool Induct Deven Contra No Do No He he Constant Constant WASTEWATER MATER 3 SON: Condition OIL. SLUDGE OTHER P.O. 81 S fade: city: Carlsbad Tax B Company: XTO Energy Inc. Van: Amy Ruth Iddress: 3104 E. Green Trans B: ACCURASE A MIR ROUGH CHECKED BY Ð CE/COOL NM Zp: 88220 (manual) OTHER BILL TO H-CAM DATE **EVRACIACI** hear out Al Result D Ye PACK AND INCOME. THE NUMBER 1535 5115 OKSI Thillard@sinuckum.com TIME 92 And Time Cost Cardar: 2234041001 & 1068211001 BTEX Ŧ ţ 4MSum 144 TPH -outlin Standard Please provide Ernal address Thionistey@involum.com. CHLORIDE 0.88 Incodent 82: n/4/PP2401628684 & n/4/PP2405057797 a moved Libby ANALYSIS REQUEST Cool Induct The Yes Bacteria (only) Sample Condition 10000 Observed Temp. "C Corrected Tang. "C mon Umpricipation

Received by OCD: 1/23/2025 7:16:15 AM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 213 of 251

aboratories



September 16, 2024

DAVID MCINNIS ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 15:39.

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 DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 66 2' (H245556-01)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	400	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 67 2' (H245556-02)

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	240	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 68 2' (H245556-03)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	336	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 70 2' (H245556-04)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	192	16.0	09/13/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 71 2' (H245556-05)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 72 2' (H245556-06)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	304	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 73 2' (H245556-07)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 74 2' (H245556-08)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	128	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 75 2' (H245556-09)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	176	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 78 2' (H245556-10)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	320	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 80 2' (H245556-11)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	208	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 81 2' (H245556-12)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	224	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS43 3' (H245556-13)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	256	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS44 3' (H245556-14)

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	09/14/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/14/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/14/2024	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	336	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS45 3' (H245556-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	240	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS46 3' (H245556-16)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	224	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS47 3' (H245556-17)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	272	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS41 3' (H245556-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	592	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS51 3' (H245556-19)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	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	176	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS52 3' (H245556-20)

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	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	144	16.0	09/16/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

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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

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

had a set	105	20	27	0	5	£1	\$	N	the country	Lab I.D.	A1960 2007 000 0004	Sampler Name: Josso	Project Location:	Project Name:	Project #: 03C15/	Phone #: 409-454-3009	cay: Carlsbad	Address: 3122 National Parks Hwy	Project Manager: Dovid Moinnis	Company Name:
	1-3	sah	EC 73	ES 23	14 21	-4	5	2954	T. //.	Sample I.D.		se Doman	32,11170,-103,90534	PLU 20 Brushy Draw	0001555518 & 0001555482	4-3009		tional Parks Hw	avid Moinnis	Ensolum, LUC
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ad a new work in writing well wanted by Cardinal without the set of the set o								-	1	SLUGGE OTHER ACIDIBATE CE/COOL OTHER	PRESERV.	Fax #;	Phone #:	State: NM 2	city: Carlsbad	Address: 3104 E	Anne Army Ruth	Company: XTO	P.O. 8:	BILL
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Duilwared By: (Circle One) Jampler - UPS - Bus - Other:

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Standard

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Sample Condition Observed Temp. VC

Bactarta (seny) Card Intact Tres Tres No. No. No.

Corrected Temp, "C

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

-aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Refinquished By	HTT	동안 공유 운동	Company Name: (5
)	F5 80 F5 81 H1 H1 H1 H1 H1 H1 H1 H1 H1 H1 H1 H1 H1	22 National Parks Hwy 22 National Parks Hwy 209-454-3009 Fax coctsseo18 & coc1sseet2 I ac. PLU 20 Brushy Draw alse: 32.11170, -103.90534 ac. Jetse Doman Sample LD. Sam	
gard	[[//].]. [Sub/ 2	State: NM Fax 8: C Project Ow row 124H & 634 Sample Depth Ifteet	FAX (575) 393-2476
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Prin Prin tple Condition

CHECKED BY:

man purchase

Standard

Cost Center: 2234941001 & 1086211007

Incident ID: INJ/9724018380844 & INJ/972405057797

Bacteria (only) Sample Condition

Observed Tamp. "C Contected Temp. "C

* Cardinal cannot accept verbal changes. Please email changes to celey/seene@cardinallabanm.com

R (Indiana)

John and a cond

Cool Intact

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October 07, 2024

DAVID MCINNIS ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

Enclosed are the results of analyses for samples received by the laboratory on 10/04/24 16:18.

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 DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	10/04/2024	Sampling Date:	10/04/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 40A 4' (H246071-01)

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	10/05/2024	ND	2.17	108	2.00	0.572	
Toluene*	<0.050	0.050	10/05/2024	ND	2.09	104	2.00	0.966	
Ethylbenzene*	<0.050	0.050	10/05/2024	ND	2.13	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	10/05/2024	ND	6.34	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/05/2024	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	208	16.0	10/07/2024	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2024	ND	201	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	10/06/2024	ND	187	93.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	10/06/2024	ND					
Surrogate: 1-Chlorooctane	79.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	10/04/2024	Sampling Date:	10/04/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 63A 4' (H246071-02)

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	10/05/2024	ND	2.17	108	2.00	0.572	
Toluene*	<0.050	0.050	10/05/2024	ND	2.09	104	2.00	0.966	
Ethylbenzene*	<0.050	0.050	10/05/2024	ND	2.13	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	10/05/2024	ND	6.34	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/05/2024	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	3120	16.0	10/07/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2024	ND	201	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	10/06/2024	ND	187	93.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	10/06/2024	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM DAVID MCINNIS 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	10/04/2024	Sampling Date:	10/04/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

Sample ID: FS 64 4' (H246071-03)

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	10/05/2024	ND	2.17	108	2.00	0.572	
Toluene*	<0.050	0.050	10/05/2024	ND	2.09	104	2.00	0.966	
Ethylbenzene*	<0.050	0.050	10/05/2024	ND	2.13	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	10/05/2024	ND	6.34	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/05/2024	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	2480	16.0	10/07/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2024	ND	201	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	10/06/2024	ND	187	93.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	10/06/2024	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.4	% 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

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Table units (samp or language for the same transmission of the same set of the same of th	wer	Lab I.D.	Sampler Name	Project Locato	Project Name	The second second	city: versoed	Address: 314	Project Mana	Company Na	
An of the second	FSGA FSGA FSGA	Sample I.D.	Sampler Name: Uriel Santiliana	Project Location: 32, 11170, -103, 90534	Project Name: PLU 20 Brischy Draw 12444 & vocu		575-037-3006	adress: 3122 National Parks Hwy	Project Manager: Tracy Hillard	101 East Marland, Hobbs, NM 38240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC	rappi alones
	- 2 2 2 -	Depth (feet)		90534	HUZProject Own	Fax 8:	State:NM	twy		4, Hobbs, NM (FAX (575) 393	a L'OLIE
Received By Received By Bank Cond	NHH XXX	IOIRAB OR (C)OMP. CONTAINERS OROUNDWATER NASTEWATER SOL SL SL		nov			Zip:88220			-2476	ſ
Collected D By: Collected D By: Collected D By: Collected D By:	××××		Pau &	12	cay: Carlsbad	Address: 3104 E Green st	Atta: Amy Ruth	Company: XTO Energy	P.O. R		
Additional and a second and a second a	X X X PH61 X X X 2141 X X X 9001 H2	5		Zip: 88220		Green st		Energy	10	5	CON-LO-MINILS
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fillana@ensolum.com m Observed Tany, 'C									IEST		NS REQUEST

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General Information Phone: (505) 629-6116

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

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QUESTIONS

Action 423852

QUESTIONS	
Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	423852
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2401636864
Incident Name	NAPP2401636864 PLU 20 BRUSHY DRAW 124 @ 30-015-53242
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-53242] POKER LAKE UNIT 20 8 BD #124H

Location of Release Source

	Please answei	all the	questions	in this	group.	
--	---------------	---------	-----------	---------	--------	--

Site Name	PLU 20 BRUSHY DRAW 124
Date Release Discovered	01/06/2024
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	Νο
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Cause: Human Error Tank (Any) Other (Specify) Released: 543 BBL Recovered: 540 BBL Lost: 3 BBL.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	produced water with FR added	

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QUESTIONS, Page 2

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Action 423852

QUESTIONS (co	ntinued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	423852
	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. 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 na 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: 01/23/2025	

General Information Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	423852
	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	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	Νο
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 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions th	at 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 de	monstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 CI B)	3120
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	17.9
GRO+DRO	(EPA SW-846 Method 8015M)	17.9
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence		06/18/2024
On what date will (or did) the final sampling or liner inspection occur		10/04/2024
On what date will (or was) the remediation complete(d)		10/04/2024
What is the estimated surface area (in square feet) that will be reclaimed		15792
What is the estimated volume (in cubic yards) that will be reclaimed		875
What is the estimated surface area (in square feet) that will be remediated		15792
What is the estimated volume (in cubic yards) that will be remediated		940
These estimated dates and measu	rements are recognized to be the best guess or calculation at th	e 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.

QUESTIONS, Page 3

Action 423852

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General Information Phone: (505) 629-6116

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

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QUESTIONS, Page 4

Action 423852

QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	423852	
	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		
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	OWL LANDFILL JAL [fJEG1635837366]	
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 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	snowledge and understand that pursuant to OCD rules and regulations all operators are required uses 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: 01/23/2025 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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QUESTIONS, Page 5

Action 423852

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QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	423852	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QU	ES	TIC	NS

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

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	423852
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	403329
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/22/2024
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	3000

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	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	15792		
What was the total volume (cubic yards) remediated	940		
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	15792		
What was the total volume (in cubic yards) reclaimed	875		
Summarize any additional remediation activities not included by answers (above)	"Delineation and excavation activities were conducted at the Site to address the January 2024 and February 2024, releases of produced water with FR. Laboratory analytical results for the confirmation soil samples, collected from the final excavation extent, indicated that all COCs were compliant with the Site Closure Criteria and the reclamation requirement. Based on the soil sample analytical results, no further remediation is required. XTO will backfill the excavation with material purchased locally and recontour the Site to match pre-existing site conditions. Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Numbers nAPP2401636864 and nAPP2405057797. "		
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.			
to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.			
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 01/23/2025		

Action 423852

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 7

Action 423852

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QUESTIONS (continued)		
Operator: XTO ENERGY, INC	OGRID: 5380	
6401 Holiday Hill Road Midland, TX 79707	Action Number: 423852	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
OUESTIONS		

Reclamation Report

Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

General Information Phone: (505) 629-6116

Operator:

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

Midland, TX 79707

request additional sampling if needed; pictures of the backfilled areas showi

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

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Action 423852

CONDITION	CONDITIONS		
	OGRID:		
XTO ENERGY, INC	5380		
6401 Holiday Hill Road	Action Number:		

CONDITIONS

423852

	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure	e)
CONDITIONS	5	
Created By	Condition	Condition Date
amaxwell	Remediation closure approved. A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to	1/28/2025

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