



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 ground surface to 3 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures described above.

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



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.



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

Sincerely,  
**Ensolum, LLC**

A handwritten signature in black ink that reads "Tracy Hillard".

Tracy Hillard  
Project Engineer

A handwritten signature in black ink that reads "Daniel R. Moir".

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

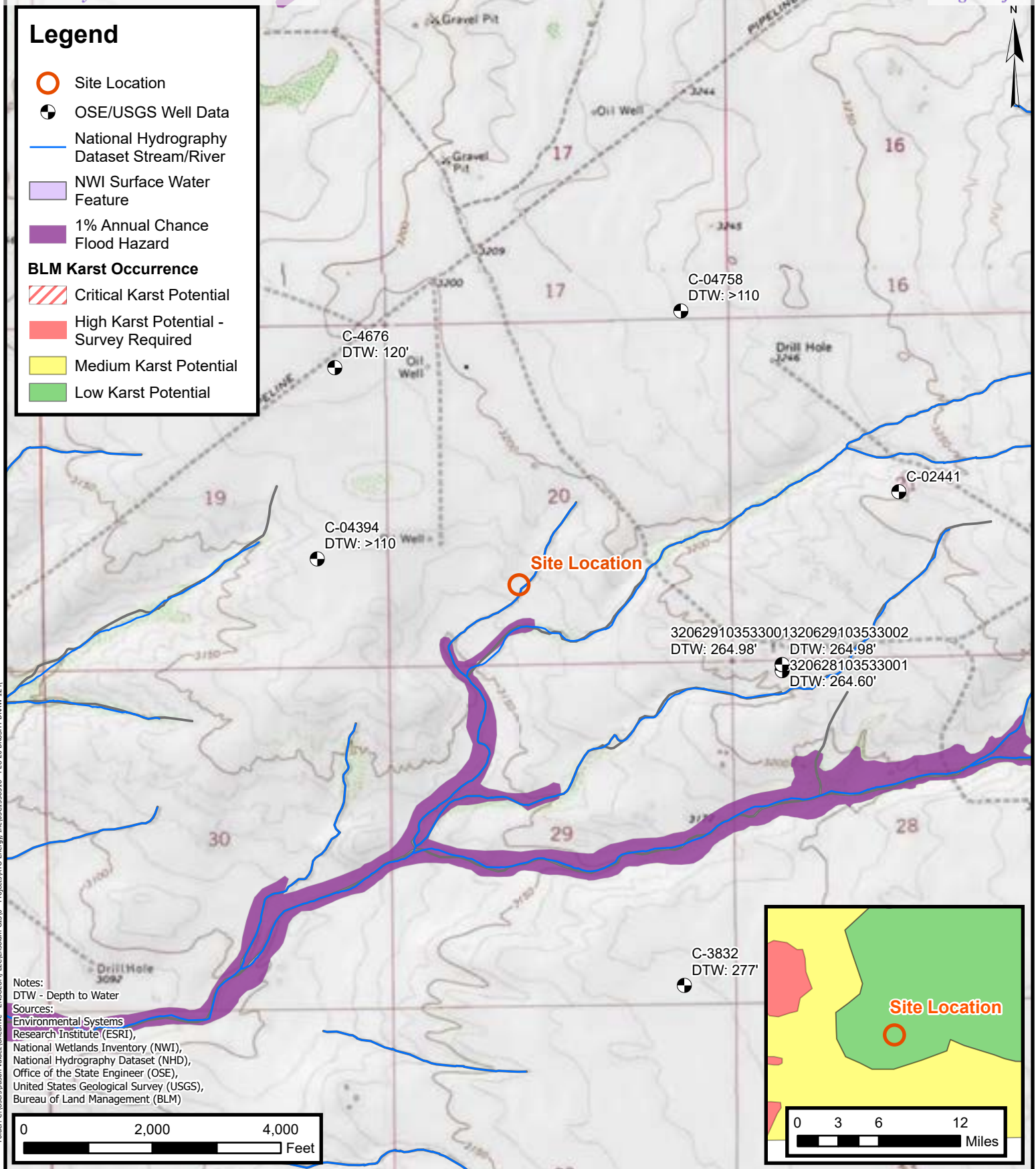
cc: Colton Brown, XTO  
Kaylan Dirkx, XTO  
BLM

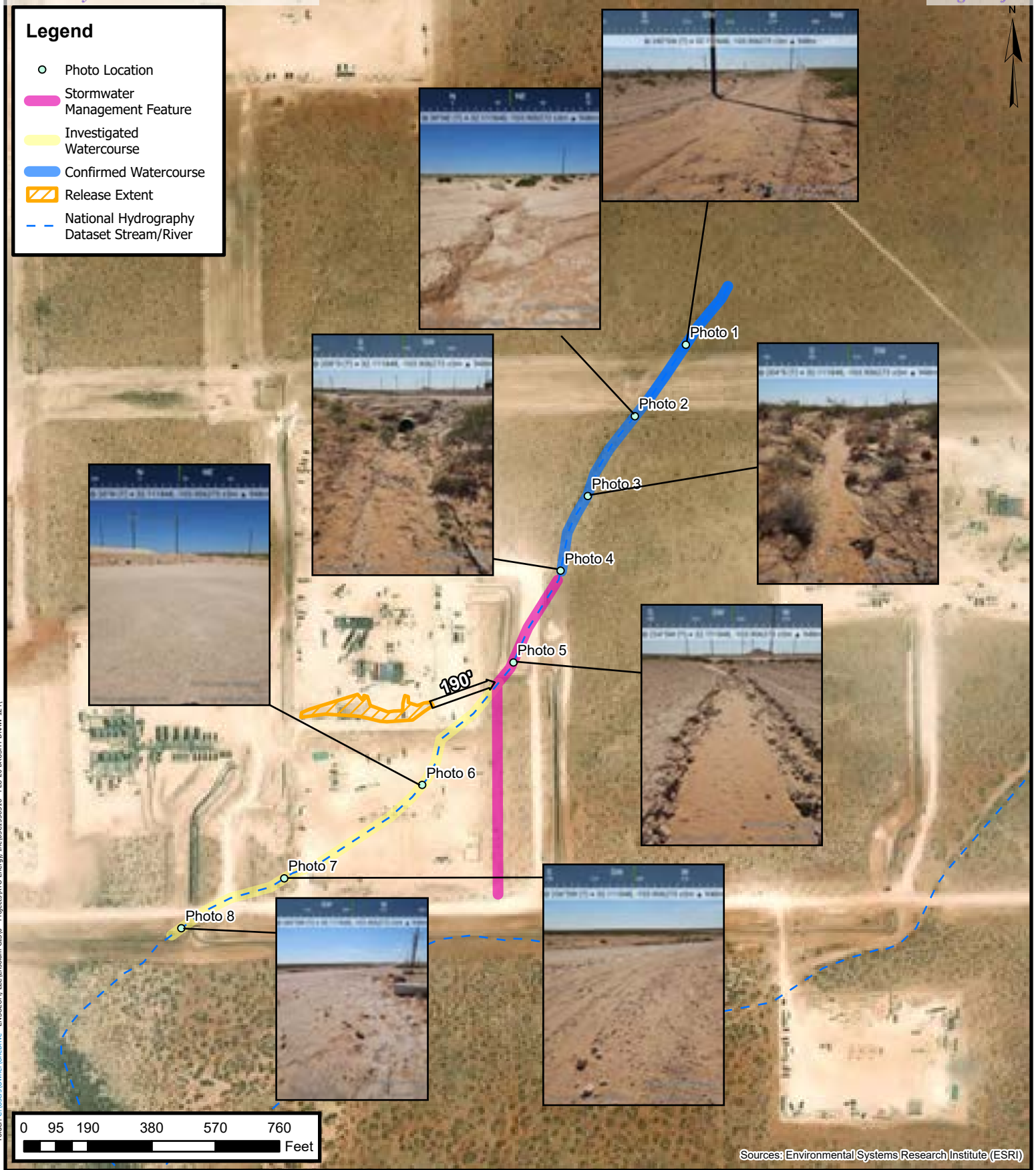
Appendices:

Figure 1	Site Receptor Map
Figure 2	Watercourse Survey
Figure 3	Delineation Soil Sample Locations
Figure 4	Excavation Soil Sample Locations
Table 1	Soil 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



FIGURES





Environmental, Engineering and Hydrogeologic Consultants

## Watercourse Survey

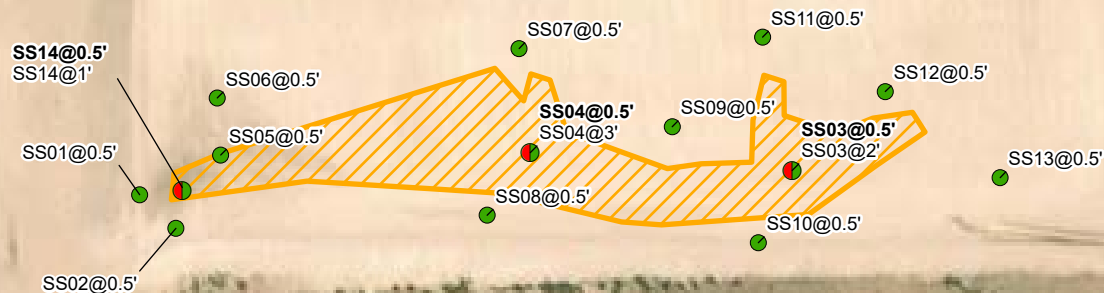
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**FIGURE**  
**2**

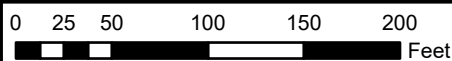


**Legend**

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ▨ Release Extent



Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable closure criteria.




Sources: Environmental Systems Research Institute (ESRI)

**Delineation Soil Sample Locations**

XTO Energy, Inc  
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**FIGURE****3**



 <p><b>ENSOLUM</b> Environmental, Engineering and Hydrogeologic Consultants</p>	<h2 style="margin: 0;">Excavation Soil Sample Locations</h2> <p style="margin: 5px 0;">XTO Energy, Inc              PLU 20 Brushy Draw 124 and PLU 20-8 BD 105H              Incident Numbers: nAPP2401636864 and nAPP2405057797              Unit N, Sec 20, T25S, R30E              Eddy County, New Mexico</p>	<h2 style="margin: 0;">FIGURE</h2> <h1 style="margin: 0;">4</h1>
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TABLES



**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 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
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
SS03	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	47.9	47.9	47.9	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
Excavation Soil Samples										
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	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS08	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS09	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS10	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
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



**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 Closure Criteria (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



**TABLE 1**  
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**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 Closure Criteria (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





**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 Closure Criteria (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

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

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# SAFETY DATA SHEET

Issuing Date 01-Aug-2019

Revision Date 01-Aug-2019

Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

Product Name POLYglide Xcel-200

### Other means of identification

Product Code(s) 10497

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use No information available

Uses advised against No information available

### Details of the supplier of the safety 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 hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids Category 4

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements

#### Warning

Combustible liquid

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<b>Appearance</b> Opaque	<b>Physical state</b> Liquid	<b>Odor</b> Mineral Oil
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**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	

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

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	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.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	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 effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	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.
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### Environmental precautions

<b>Environmental precautions</b>	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.
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### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on safe handling</b>	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.
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### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	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. EXPOSURE 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, such 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 not 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

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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 mm <sup>2</sup> /s	
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	

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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.
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**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.
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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 degradability	No information available.
Bioaccumulation	There is no data for this product.
Other adverse effects	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

DOT	Not regulated. Product does not sustain combustion (49 CFR 173.120(b)(3))
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## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies



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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.

**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**

<u>NFPA</u>	Health hazards	2	Flammability	2	Instability	0	Physical and chemical properties	-
<u>HMIS</u>	Health hazards	2	Flammability	2	Physical hazards	0	Personal protection	X

Issuing Date 01-Aug-2019

Revision Date 01-Aug-2019

Revision Note No information 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). PIP 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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Received by OCD: 1/23/2025 7:25:16 AM  
Released to Imaging: 1/28/2025 2:33:35 PM



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4394 POD 1 MW-01		WELL TAG ID NO.		OSE FILE NO(S). C-4394									
	WELL OWNER NAME(S) Kyle Littrell XTO Energy, Inc.				PHONE (OPTIONAL) 432-682-8873									
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Road				CITY Midland		STATE TX	ZIP 79707						
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 06	SECONDS 46.42 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND									
		LONGITUDE -103	54	55.92 W	* DATUM REQUIRED: WGS 84									
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit 1 Section19, Township 25S, Range 30E														
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling								
	DRILLING STARTED 2/4/20		DRILLING ENDED 2/5/20		DEPTH OF COMPLETED WELL (FT) NA		BORE HOLE DEPTH (FT) 110							
	COMPLETED WELL IS:		<input type="checkbox"/> ARTESIAN *add Centralizer info below				<input checked="" type="checkbox"/> DRY HOLE		<input type="checkbox"/> SHALLOW (UNCONFINED)					
	DRILLING FLUID:		<input type="checkbox"/> AIR		<input type="checkbox"/> MUD		ADDITIVES - SPECIFY: None		DATE STATIC MEASURED					
	DRILLING METHOD:		<input type="checkbox"/> ROTARY		<input type="checkbox"/> HAMMER		<input type="checkbox"/> CABLE TOOL		<input checked="" type="checkbox"/> OTHER - SPECIFY: Sonic					
									CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>					
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE (add coupling diameter)		CASING INSIDE DIAM. (inches)		CASING WALL THICKNESS (inches)		SLOT SIZE (inches)	
	FROM		TO											
	0		110		6									
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)				AMOUNT (cubic feet)		METHOD OF PLACEMENT			
	FROM		TO											
	110		0		6 Bentonite Chips				23.5		Pour			


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO						
					Sec attached log	Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
						Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):		
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.					
MISCELLANEOUS INFORMATION: Dry Hole, backfilled with bentonite chips.								
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Brett Gresham								
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:   Shawn Cain 1/9/2025 SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE							

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2

 LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation		Identifier: <b>MW01 C 4394</b>	Date: <b>2/4/2020</b>					
		Project Name: <b>PLU 423</b>	RP Number: <b>ZRP-3790</b>					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>		Logged By: <b>FS</b>	Method: <b>SONIC</b>					
Lat/Long:		Field Screening: <b>CHLORIDES, PID</b>	Hole Diameter: <b>4" / 6"</b>					
			Total Depth: <b>110'</b>					
Comments <b>No sampling. Lithology remarks only</b>								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
					1			hydroac excavated (refusal @ 1')
					2			2.5' SAND, dry, well graded, coarse-fine graind,
					3		SW-S	light brwn - tan, no stain, no odor
					4			5' few silty sand pockets, reddish brwn, no plas, non cohesive
					5			
					6			
					7		SP	6' SAND, dry, poorly graded, light brwn - brwn, fine - very fine
					8			
					9			7.5' some mod consol ss
					10		SW-S	light brwn - brwn, sub rounded
					11			10' abundant ss 10-11' color change
					12			12' ss gravel? absent tan-off white
					13		SP	16' abundant ss gravel 13' back t/ (mod consol) light brwn - brown
					14			19' abundant - some
					15			
					16			21.5' sandstone, light, abundant brwn - tan, dry mod well consolidated
					17		SW-S	
					18			23' sandstone chunks absent
					19			
					20			
					21			
					22			
					23			
					24			
					25			



LT Environmental, Inc.  
508 West Stevens Street  
Carlsbad, New Mexico 88220

Compliance · Engineering · Remediation

Identifier:

MW01 C 4394

Date:

2/4/2020

Project Name:

PLU 423

RP Number:

~~2RP-2674~~  
2RP-3790

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: FS

Method: SONIC

Lat/Long:

Field Screening: ~~CHLORIDES, PH~~

Hole Diameter:

4 1/8"

Total Depth:


110'


Comments:


Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
D	D	D	Z		26			27.5' SAND, dry, light brwn-tan, poorly graded, fine-very fine
					27			grey-grey
					28		SP	30' trace light brwn-tan caliche pebbles (gravel), rounded
					29			
					30			
					31			31' caliche pebbles absent
					32			
					33			31.5' color change light brwn-reddish brwn
					34			
					35			33-34' abundant ss chunks, mod consol
D	D	D	Z		36			35' ss chunks absent
					37		SW-S	36' some clay pockets, reddish brwn, few pebbles, rounded-subrounded, grey-light grey, few laminations w/clay, caliche, dolomite?
					38			
					39			
					40			
					41			
					42			42.5' clay laminations, trace, reddish brwn
					43			
					44			44' color change, light brwn-tan, SILTY sand
					45			44.5' some SILTY sand, light brwn
D	D	D	Z		46		SP-SM	-tan, no plasticity, non cohesive, trace high plas clay nodules, reddish brwn
					47			
					48			
					49			48.5' low plas clay band, orange (35-40 mm)
					50			49.5' faint yellow band, (15-20 mm)

rig adding water



 <b>LT Environmental, Inc.</b> 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation		Identifier: <b>MW01 C 4394</b>	Date: <b>2/4/2020</b>					
		Project Name: <b>PLU 423</b>	RP Number: <b>ZRP-3790</b>					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								
Lat/Long:		Field Screening: <b>CHLORIDES, PID</b>	Logged By: <b>FS</b>					
		Hole Diameter: <b>4" / 6"</b>	Method: <b>sonic</b>					
Total Depth: <b>110'</b>								
Comments:								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
U			Z		51		SP	51.5' trace, high plas clay nodules
U			Z		52			
U			Z		53			53-54' some silty ss, poorly consolidated
M			Z		54			
M			Z		55			55.5' color change tan-grey band (30mm)
M			Z		56			
M			Z		57			59.5' SILTY sand, light brown-brown, moist, no plas, non cohesive, no stain
M			Z		58			
M			Z		59			
M			Z		60		SM	62' more consolidated
D			Z		61			64' dark brown color change, silty clay nodules
M			Z		62		SM-S	
M			Z		63			66' pockets of silty clay brown-green
U			Z		64			
M			Z		65			68' low plas clay pockets some, few low plas clay laminations
M			Z		66			
M			Z		67			
U			Z		68			71' SILTY sand, dry, no plas, non cohesive, light brown-tan
U			Z		69			
U			Z		70			74' trace caliche pebbles, light grey-grey
U			Z		71		SM	
					72			
					73			
					74			
					75			

 <b>LT Environmental, Inc.</b> 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation		Identifier: <b>MW01 C 4394</b>	Date: <b>2/4/2020</b>					
Project Name: <b>PLU 423</b>		RP Number: <b>2RP-3790</b>						
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>		Logged By: <b>FS, BS</b>	Method: <b>sonic</b>					
Lat/Long:		Field Screening: <b>CHLORIDES, PID</b>	Hole Diameter: <b>6 1/4"</b>					
Total Depth: <b>110'</b>								
Comments:								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
D			N		76		SM	76.5' trace low plas clay nodules, reddish brown
D			N		77			
D			N		78			82' CLAYSTONE, moist, brown-greenish grey, low plasticity, cohesive, no stain, no odor, mod consolidated
D			N		79			
D			N		80			
D			N		81			85' SILTY sand, dry, light brown-brown, no plas, non cohesive, no stain, no odor
D			N		82		CL-S	
M			N		83			
D			N		84			87' color change tan-off white
D			N		85		SM	
D			N		86			88' light brown-brown
D			N		87		SM-S	
D			N		88			87' SILTSTONE, dry, w/ clay pockets, low plas
D			N		89			
D			N		90			91' abundant clay pockets
D			N		91			
D			N		92			94.5' band yellow low plas clay
D			N		93			
D			N		94		SM	
M			N		95		CH	end @ 95' 2/4/2020
M			N		96			2/5/20
D			N		97			95'-101' CLAY, moist, brown-dark brown, high plasticity, cohesive, some tan clay laminations, no stain, no odor.
M			N		98			
D			N		99			98'-99' tan fine gran sandstone stringers.
M			N		100			

 LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation		Identifier MWF 4394	Date 2/5/2020				
LITHOLOGIC / SOIL SAMPLING LOG		Project Name PLU 423	RP Number 2RP-3790				
Lat/Long:		Field Screening: CHLORIDES, PID.	Logged By: BP				
		Hole Diameter: 6" / 4"	Method: Sonic				
			Total Depth: 110'				
Comments:							
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining				
			Sample #				
			Depth (ft. bgs.)				
			Sample Depth				
			Soil/Rock Type				
			Lithology/Remarks				
D			N	101		CH	101'-105' SANDSTONE, tan-light brown, dry, moderately consolidated, calcareous cemented, poorly graded, no stain, no odor.
D			N	102		SP-5	
D			N	103			
D			N	104			
M			N	105			105'-110' CLAY, moist, dark brown-brown, high plasticity, cohesive, true tan sand laminations, no stain, no odor.
M			N	106		CH	
D			N	107			
D			N	108			107'-109' tan-light brown well consolidated fine grain sandstone stringer.
M			N	109			
				110			
				111		TD @ 110'	TD @ 110'
				112			
				113			
				114			
				115			
				116			
				117			
				118			
				119			
				120			
				121			
				122			
				123			
				124			
				125			



## APPENDIX C

### Photographic Log

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**Photographic Log**

XTO Energy, Inc

PLU 20 Brushy Draw 124 and PLU 20-8 BD 105H

nAPP2401636864 and nAPP2405057797



Photograph: 1 Date: 1/6/2024  
Description: Soil staining from nAPP2401636864  
View: East



Photograph: 2 Date: 2/5/2024  
Description: Soil saturation from nAPP2405057797  
View: West



Photograph: 3 Date: 2/20/2024  
Description: Assessment activities  
View: East



Photograph: 4 Date: 6/18/2024  
Description: Delineation activities  
View: West





### Photographic Log

XTO Energy, Inc

PLU 20 Brushy Draw 124 and PLU 20-8 BD 105H

nAPP2401636864 and nAPP2405057797



Photograph: 5 Date: 7/11/2024  
Description: Delineation activities  
View: West



Photograph: 6 Date: 8/16/2024  
Description: Excavation activities  
View: East



Photograph: 7 Date: 9/11/2024  
Description: Excavation activities  
View: Southeast



Photograph: 8 Date: 10/4/2024  
Description: Excavation activities  
View: East

**Photographic Log**

XTO Energy, Inc

PLU 20 Brushy Draw 124 and PLU 20-8 BD 105H

nAPP2401636864 and nAPP2405057797



Photograph: 9                      Date: 11/20/2024  
Description: Excavation activities  
View: Southeast

Photograph: 10                      Date: 11/20/2024  
Description: Final excavation extent  
View: Southwest



Photograph: 11                      Date: 1/16/2025  
Description: Backfilled excavation  
View: Southeast


Photograph: 12                      Date: 1/16/2025  
Description: Backfilled excavation  
View: West




## APPENDIX D


### Lithologic Soil Sampling Logs

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 <b>ENSOLUM</b>		Sample Name: SS03		Date: 7/12/2024				
		Site Name: PLU 20 Brushy Draw 124 & 105H						
		Incident Numbers: nAPP2401636864 and nAPP2405057797						
		Job Number: 03C1558318						
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								
Coordinates: 32.111752, -103.905537			Logged By: JDB		Method: Hand Auger			
			Hole Diameter: 4"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-2') CALICHE, beige, poorly graded, no odor
D	2,313	0	N	SS03	0.5			
M	2,850	2	N		1	1		(@1') some poorly graded sand with silt, trace clay
M	196	2.3	N	SS03B	2	2		
						Total depth @ 2 feet bgs		

 <b>ENSOLUM</b>		Sample Name: SS04		Date: 7/12/2024				
		Site Name: PLU 20 Brushy Draw 124 & 105H						
		Incident Numbers: nAPP2401636864 and nAPP2405057797						
		Job Number: 03C1558318						
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								
Coordinates: 32.111780, -103.905976			Logged By: JDB		Method: Hand Auger			
			Hole Diameter: 4"		Total Depth: 3'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		(0-3') CALICHE, beige, poorly graded, no odor
D	1,760	0	N	SS04	0.5			
M	4,631	0	N		1	1		(@1') some poorly graded sand with silt, trace clay
M	2,475	0	N		2	2		(@2') little clay
M	431.2	0	N	SS04C	3	3		
						Total depth @ 3 feet bgs		



 <b>ENSOLUM</b>		Sample Name: SS14		Date: 7/12/2024				
		Site Name: PLU 20 Brushy Draw 124 & 105H						
		Incident Numbers: nAPP2401636864 and nAPP2405057797						
		Job Number: 03C1558318						
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								
Coordinates: 32.111729, -103.906555			Logged By: JDB		Method: Hand Auger			
			Hole Diameter: 4"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor was included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-2') CALICHE, beige, poorly graded, no odor
D	800	0	N	SS14	0.5			
M	<162.4	0	N	SS14A	1	1		(@1') some poorly graded sand with silt, trace clay
M	<162.4	0	N		2	2		(@2') little clay
						Total depth @ 2 feet bgs		



Appendix E

Disposal Manifests

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**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
a@ndblandfill.com

COMPANY MAN: [Signature]  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: 19227232  
COMPANY MAN PHONE: 3000

**MANIFEST #**  
**0355832**

**Part 1 - Generator**

COMPANY NAME: XTO - Permian 031558318  
LEASE: Township NADP2411136864  
AFE #: 66-60211-1001 API: 30-115-5114  
RIG NAME: C40 2080 WELL #: 12411  
STATE & COUNTY ORIGIN: TX DeWitt

DATE: 01/15/24  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is (Check the appropriate classification)

☐ RCRA (EXEMPT): Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOEL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name) \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sage Tech Inc YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0290  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: [Signature] DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 1/15/24 TIME IN: 12:24 AM / PM ☒ AM / PM ☐  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING: ☒ (Less than 50 MCL)  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
Shake Out: 268007  
H<sub>2</sub>O: 11 Gallon Test: \_\_\_\_\_  
SERVICE NOTES: This is to certify that: [Signature] Employee (Printed Name) \_\_\_\_\_ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: \_\_\_\_\_



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David R. ...  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN (EMAIL): \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0351728**

**Part 1 - Generator**

COMPANY NAME: XTO  
LEASE: PLU 20 BD  
AFE #: \_\_\_\_\_ API: 30-015-53247  
RIG NAME: \_\_\_\_\_ WELL #: 124 H  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 9/4/24  
PHONE: 575-552-3289  
QUANTITY: \_\_\_\_\_ ☐ BBL'S  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: SOM TRX MCK YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Nator Rodriguez DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/4/24 TIME IN: 1:00 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:				
PAINT FILTER:	PASS	FAIL	N/A	
TCLP:	PASS	FAIL	N/A	
TOX:	PASS	FAIL	N/A	

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O: \_\_\_\_\_ Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: [Signature]

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility    Yellow: Transporter    Pink: Generator



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David D. Ryke  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0351730**

Part 1 - Generator

COMPANY NAME: XFC  
LEASE: P1V 20 BD  
AFE #: APR30-015-53212  
RIG NAME: \_\_\_\_\_ WELL #: 124 H  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 9/4/24  
PHONE: 575 592-3789  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SOUTHERN TEXAS YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 11  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 233  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Nabor Rodriguez DRIVER'S SIGNATURE: NK  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/4/24 TIME IN: 3:54 AM/PM AM  
TIME OUT: 4:00 AM/PM PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A

**NORM TESTING:** ✓ (Less than 50 MCL)

**Shake Out:**

1	2	3

H<sub>2</sub>O 5 Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name) \_\_\_\_\_ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: Alan Z

White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Boyd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN (EMAIL): \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0325374**

**Part 1 - Generator**

COMPANY NAME: STO-PULL 475/558718  
LEASE: 100 nAPP 3401-36864  
AFE #: 11-16211001 API: 30-015-53 242  
RIG NAME: PCU 2000 WELL #: 124 R  
STATE & COUNTY ORIGIN: Ft. Valley

DATE: 09/03/24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste is (check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: San Telco Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 4220  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Adrian P... DRIVER'S SIGNATURE: Adrian P...  
(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/3/24 TIME IN: 12:00 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

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 (Printed Name))

EMPLOYEE SIGNATURE: Ray L. Probst

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Shake Out:

1	2	3
<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>

H<sub>2</sub>O 5

068327  
Gallon Test: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**

DBA: Northern Delaware Basin Landfill

3889 Maple Ave, Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Burr  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**

**0355826**

**Part 1 - Generator**

COMPANY NAME: VTG- Dallas 03558318

DATE: 01/03/24

LEASE: Talbot HOP 240143684

PHONE: \_\_\_\_\_

API #: 06 16621001 API: 30- 015-5342

QUANTITY: \_\_\_\_\_ ☐ BBL'S

RIG NAME: PLU 20 BD WELL #: 124 m

20 ☒ YARDS

STATE & COUNTY ORIGIN: Edley

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 Base Mud

☐ Water Base Mud

☐ Muds w/ Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other: \_\_\_\_\_

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information

☐ RCRA Hazardous Waste Analysis

☐ Process Knowledge

☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Santa Fe Mex

YARD #: \_\_\_\_\_

WHP #: \_\_\_\_\_

TRUCK #: 51

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_

ROLL OFF BIN#: \_\_\_\_\_

TRAILER #: 06897

DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM

DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:

**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**

DRIVER: Alfonso

DRIVER'S SIGNATURE: Alfonso

(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 01/03/24

TIME IN: 5:02 AM / PM

TIME OUT: \_\_\_\_\_ AM / PM

☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A

**NORM TESTING:**  
P  
(Less than 50 MCL)

Shake Out:  
1 2 3  
N/A

0689727

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

(Employee's Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



**OWL Landfill Services, LLC**  
CWA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Lloyd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: [Signature]  
COMPANY MAN EMAIL: [Signature]  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0325375**

**Part 1 - Generator**

COMPANY NAME: STU - OILFIELD: 036-556318  
LEASE: Truck - ADP 244163644  
API #: 66-146211001 API: 30-015-53242  
RIG NAME: PLU 2080 WELL #: 12411  
STATE & COUNTY ORIGIN: Edley

DATE: 2/18/24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA (EXEMPT): Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sea Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0284  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Adrian Pineda DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 2-18-24 TIME IN: 2:37 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: [Signature]  
(Less than 30 MCR)  
Shake Out: 

1	2	3
<u>0</u>	<u>0</u>	<u>0</u>

  
H<sub>2</sub>O: 0  
5: \_\_\_\_\_  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: This is to certify that: [Signature] Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: \_\_\_\_\_



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave, Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: Paul Burch  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0355827**

Part 1 - Generator

COMPANY NAME: 116-11-11 034558318  
LEASE: Texas NAPP 24-163684  
AFE #: 12-146332-1161 API: 36-415-53242  
RIG NAME: PLU 20 RD WELL #: 124 H  
STATE & COUNTY ORIGIN: TX, El Paso

DATE: 08/04/24  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (HDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name) \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: San Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0284  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Adrian Iturr DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9/9/24 TIME IN: 12:17 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: \_\_\_\_\_  
(Less than 50 MCR)  
H<sub>2</sub>O S: 

Shake Out:		
1	2	3

  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name) \_\_\_\_\_ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: \_\_\_\_\_



**OWL Landfill Services, LLC**  
CBA Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Bland  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
0357828

Part 1 - Generator

COMPANY NAME: Ver Tez Max  
LEASE: Texas NAPP 340 143 & 7104  
AFE #: 66-146211401 API: 30-015-53242  
RIG NAME: Plu 20 BO WELL #: 12414

DATE: 6/14/24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ DBLS  
2 ☒ YARDS

**STATE & COUNTY ORIGIN:** \_\_\_\_\_

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (HDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Ver Tez Max YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 4229  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE"**  
DRIVER: Adrian DRIVER'S SIGNATURE: Adrian  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 6/14/24 TIME IN: 5:10 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: (Less than 30 MCR)  
Shake Out: 

1	2	3

  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_  
(Employee Printed Name)  
EMPLOYEE SIGNATURE: Adrian  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Kuth  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0349750**

Part 1 - Generator

COMPANY NAME: XTO P11 20 PD 1044  
LEASE: United Napp 241636564  
APE #: Project 030125011 API: 30-010-33242  
RIG NAME: Rubio 1/6/2024 WELL #: 00-166624001  
STATE & COUNTY ORIGIN: Lea N.M.

DATE: 9-19-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDEIL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: Amy Kuth Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Scu Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 23  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 237  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willie Wilcox DISPATCHER PHONE #: 432/209-0851

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: Guillermo Ruiz DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/19/24 TIME IN: 551 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:				
PAIN FILTER	PASS	FAIL	N/A	
TCLP	PASS	FAIL	N/A	
TOX	PASS	FAIL	N/A	

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O S: \_\_\_\_\_

Gallon Test: \_\_\_\_\_

SERVICE NOTES: This is to certify that: Jayden  
(Employee Printed Name)

EMPLOYEE SIGNATURE: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site





**OWL Landfill Services, LLC**  
DGA Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Harry Rich  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0349749**

Part 1 - Generator

COMPANY NAME: XTO PLU 20 BD 1944  
LEASE: Widened Napp 240162 6264  
AFE #: Project 050000010 API: 70-015-22442  
RIG NAME: Widened Napp 240162 6264 WELL #: 0516162400  
STATE & COUNTY ORIGIN: La Alti

DATE: 8-19-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1986 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NORL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 361.21-361.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name) Harry Rich Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Gen Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 23  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 292  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wick DISPATCHER PHONE #: 409209-09-51

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: Gustavo Ruiz DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One)

☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 8/19/24 TIME IN: 3:16 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:			
PAINT FILTER	PASS	FAIL	N/A
TCLP	PASS	FAIL	N/A
TOX	PASS	FAIL	N/A

☐ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O 5

Gallon Test: \_\_\_\_\_

SERVICE NOTES: \_\_\_\_\_  
This is to certify that: \_\_\_\_\_ (Employee Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Ruth  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0349748**

**Part 1 - Generator**

COMPANY NAME: XTO PLU 30 RD 184H  
LEASE: Incident # Napp 2401636 PCH  
AFE #: Project 1094455210 API: 20-010-53243  
RIG NAME: Rehman 1652004 WELL #: CC166621101  
STATE & COUNTY ORIGIN: La N.M.

DATE: 9-17-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input checked="" type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste lead is (Check the appropriate classification)

☒ RCRA EXEMPT: Offfield 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: Offfield 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-offfield 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 Amy Ruth Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Seni Truck 110X YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 23  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 227  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wicks DISPATCHER PHONE #: 432/202 98 01

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: Gustavo Ruiz DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):  
☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/19/24 TIME IN: 1200 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:			
PAIN FILTER	PASS	FAIL	N/A
TCLP:	PASS	FAIL	N/A
TOX:	PASS	FAIL	N/A

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_  
(Employee (Printed Name))

EMPLOYEE SIGNATURE: \_\_\_\_\_

**NORM TESTING:**  
(Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O 5

365127

Gallon Test: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
OWS Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Ruth  
Authorized Agent's Printed Name and Title  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343405**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU 20 BD124H  
AFE # Project 103C155831R API: 30-016-53242  
RIG NAME: Release 1-6-2024 WELL # CC1666211001  
STATE & COUNTY ORIGIN: Incident APP2401636864

DATE: 8-19-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: Willy Velez DISPATCHER PHONE #: 432-209-0851

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: Cory Reimer DRIVER'S SIGNATURE: Carl Jones  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 8/19/24 TIME IN: 600 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: (Less than 50 MCR)  
Shake Out: 1 2 3  
H<sub>2</sub>O 5  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: Jayden  
This is to certify that: \_\_\_\_\_ (Employee Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Reth  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343404**

**Part 1 - Generator**

COMPANY NAME: X70  
LEASE: PLU20BD124H  
AFE # Project: 03C1558318 API: 30-015-53292  
RIG NAME: Release: 1-6-2024 WELL #: CC-166621109  
STATE & COUNTY ORIGIN: Incident: APPJ401636864

DATE: 8-19-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Santa X Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 8504  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: Kelly Wheeler DISPATCHER PHONE #: 432-304-0251

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: Cory Reimer DRIVER'S SIGNATURE: Cory Reimer  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 8/19/24 TIME IN: 9:13 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: \_\_\_\_\_  
(Less than 10 MCR)  
H<sub>2</sub>O: \_\_\_\_\_  
Shake Out: \_\_\_\_\_  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: \_\_\_\_\_  
This is to certify that: Jayleen  
Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Arny Duth  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0342403**

**Part 1 - Generator**

COMPANY NAME: XTO  
LEASE: PLU20BD1244  
AFE Project: 031518318 API: 30-015-53242  
RIG NAME: Release: 1-6-2024 WELL # KS-1666211001  
STATE & COUNTY ORIGIN: Incident: APP240K36864

DATE: 8-19-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: SerTex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 59  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0384  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Vieker DISPATCHER PHONE #: 932-204-0851

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: Cedric Reimer DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 8/19/24 TIME IN: 1223 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: \_\_\_\_\_  
(Less than 50 MCR)  
Shake Out: 2654120  
H<sub>2</sub>O: \_\_\_\_\_  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: \_\_\_\_\_  
This is to certify that: [Signature]  
Employee (Printed Name): \_\_\_\_\_  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Ruth  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343408**

**Part 1 - Generator**

COMPANY NAME: XTO  
LEASE: PLU 20 BD 1294  
AFE # 03C155P318 API: 30-015-53292  
RIG NAME: Release: 1-6-2024 WELL #: 5C1666211001  
STATE & COUNTY ORIGIN: Incident, APP 2401636864

DATE: 8-90-99  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sentex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wietel DISPATCHER PHONE #: 932-209-0851

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: Corny Reimer DRIVER'S SIGNATURE: Corny Reimer  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 8/20/24 TIME IN: 6:15 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: Less than 50 MCR  
Shake Out: 

1	2	3

265707  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: Kydon  
This is to certify that: \_\_\_\_\_  
(Employee's Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Ruth  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343407**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU20BD124H  
API: 03C158318 API: 30-015-53242  
RIG NAME: Release: 1-6-2024 WELL # FC1666211001  
STATE & COUNTY ORIGIN: Incident: APP2401636864

DATE: 8-20-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SenTex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0309  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: Willy Wichter DISPATCHER PHONE #: 432-209-0851

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: Cory Reimer DRIVER'S SIGNATURE: Cory Reimer  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 8/20/24 TIME IN: 351 AM / PM-  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: \_\_\_\_\_  
(Less than 50 MCR)  
H<sub>2</sub>O 5  
Shake Out: 1 2 3  
265683  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: Kyden  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



**OWL Landfill Services, LLC**  
(DBA: Northern Delaware Basin Landfill)  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY NAME: Amy Ruth  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343406**

COMPANY NAME: XTO  
LEASE: PLUDD BD 124 H  
API: Project: P3C1568315 API: 30-015-53242  
RIG NAME: Release: 1-6-2024 WELL #: 56-1666211001  
STATE & COUNTY ORIGIN: Acidton APP 240163C864

DATE: 8-30-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Scout X Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0509  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Weller DISPATCHER PHONE #: 432-209-0851

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: Corny Reimer DRIVER'S SIGNATURE: Barb Jones  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):  
☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 8/20/24 TIME IN: 1:31 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:				
PAINT FILTER	PASS	FAIL	N/A	
TCLP	PASS	FAIL	N/A	
TOX	PASS	FAIL	N/A	

SERVICE NOTES: keychain  
This is to certify that: \_\_\_\_\_  
(Employee's Printed Name)

EMPLOYEE SIGNATURE: \_\_\_\_\_

**NORM TESTING:** \_\_\_\_\_  
(Less than 50 MCG)

Shake Out		
1	2	3

H<sub>2</sub>O: \_\_\_\_\_

Gallon Test: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Rye  
SIGNATURE: [Signature]  
COMPANY MAN EMAIL: AR@NDLANDFILL.COM  
COMPANY MAN PHONE: 214-292-2011

**MANIFEST #**  
**0307854**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: LUU20 BD124 H  
API: 103015583 API: 30-015-5329  
RIG NAME: PP 240163686 WELL #: 240163686  
STATE & COUNTY ORIGIN: TX 166211001

DATE: 8/19/2021  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 50  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☒ PM  
DISPATCHER NAME: Willy Wiolet DISPATCHER PHONE #: 832-2080251

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 8/19/2021 DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
3029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 8-19-2021 TIME IN: 5:14 AM / PM ☒  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PAINT FILTER:	PASS	FAIL	N/A
TCLP:	PASS	FAIL	N/A	
TOX:	PASS	FAIL	N/A	

**NORM TESTING:** 1  
(Less than 50 MCR)

Shake Out:		
1	2	3
<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>

H<sub>2</sub>O: \_\_\_\_\_

Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

EMPLOYEE SIGNATURE: [Signature]

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
CDA Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy K. H.  
SIGNATURE: [Signature]  
COMPANY MAN EMAIL: amy@owl.com  
COMPANY MAN PHONE: 214-292-2011

**MANIFEST #**  
**0307853**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU 20 B D 124 H  
AFE #: Project 0301558318 API: 30-015-53242  
RIG NAME: APP 2401 L 32864 WELL #: Pekos 14, 2024  
STATE & COUNTY ORIGIN: OK 16 66 211001

DATE: 3-19-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☐ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NODL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.34, 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)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Serr Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 50  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wicler DISPATCHER PHONE #: 214-209-0851

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 8/19/2024 DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 3-19-24 TIME IN: 12:17 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: 1  
Less than 10 MCBS  
H<sub>2</sub>O S: 265/26  
Shake Out: 

1	2	3
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: [Signature]  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
Has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.





Part 1 - Generator  
Part 2 - Transporter  
Part 3 - Disposal Facility



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Arny R. 7h  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0345580**

COMPANY NAME: X TO  
LEASE: PLU 203D 124 H  
API #: Project: 0361558318 API: 70-015-53292  
RIG NAME: CC1666211001 WELL #: Ref: 452-1-6  
STATE & COUNTY ORIGIN: Inc. 107 napp 90163649

DATE: 8-20-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Offfield 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: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: STM YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 54  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: Q305  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: Willy H. 1010 DISPATCHER PHONE #: 432-204085

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: F. 202 Harder DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 8/20/24 TIME IN: 6:18 AM / PM PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: TIME IN \_\_\_\_\_ TIME OUT \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: \_\_\_\_\_  
(Less than 50 MCR)  
H<sub>2</sub>O: \_\_\_\_\_  
Shake Out: \_\_\_\_\_  
265708  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ (Employee Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**

(DBA: Northern Delaware Basin Landfill)

8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy Ruth

(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

MANIFEST #

0345579

COMPANY NAME: XTO

DATE: 8-20-24

LEASE: PLU 203D 129 H

PHONE: \_\_\_\_\_

API #: 0301558518

API: 30-015-53240

QUANTITY: \_\_\_\_\_

☐ BBLs

RIG NAME: CC-1666211001

WELL #: Rebasc-1-6-24

☒ YARDS

STATE & COUNTY ORIGIN: Incident: AAPD 2401636869

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 Base Mud

☐ Water Base Mud

☐ Muds w/Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other: \_\_\_\_\_

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determinations, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Offfield 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:

Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: STH

YARD #: \_\_\_\_\_

WHP #: \_\_\_\_\_

TRUCK #: 54

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_

ROLL OFF BIN#: \_\_\_\_\_

TRAILER #: 0305

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PM

NAME: Willy

NAME: Wiley

PHONE #: 402 2090851

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: Franz Harder

DRIVER'S SIGNATURE: \_\_\_\_\_

(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 8/20/24

TIME IN: 3:54

AM / PM

TIME OUT: \_\_\_\_\_

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: \_\_\_\_\_

WASHOUT: \_\_\_\_\_

TIME IN: \_\_\_\_\_

TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

**NORM TESTING:**

(Less than 50 MCR)

H<sub>2</sub>O

Shake Out:		
1	2	3

265684

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Amy R. Yeh  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0345578**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU 20PD 124H  
AFE # Project: 0301558-18 APL: 30-015-53-349  
RIG NAME: CC: 1666-11001 WELL # Releas: 1-6-24  
STATE & COUNTY ORIGIN: Incident: APP 401636864

DATE: 8-20-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: STN YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 54  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0375  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wilk DISPATCHER PHONE #: 401-970-8311

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: Frank Hodge DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 8/20/24 TIME IN: 1:40 AM / PM ☒ AM / PM ☐  
TIME OUT: \_\_\_\_\_

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PAINT FILTER	PASS	FAIL	N/A
	TCLP	PASS	FAIL	N/A
	TOX	PASS	FAIL	N/A

☒ NORM TESTING: \_\_\_\_\_  
(Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O 5

Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

EMPLOYEE SIGNATURE: Kevin B  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility    Yellow: Transporter    Pink: Generator





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Burr  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
  
**0368350**

**Part 1 - Generator**

COMPANY NAME: X70 DATE: 11-13-24  
LEASE: PLU20BD124H PHONE: \_\_\_\_\_  
AFEL: Project-03E1358218 API: 30-015-53142 QUANTITY: \_\_\_\_\_ ☐ BBLs  
RIG NAME: CC:166611001 WELL #: \_\_\_\_\_ ☐ YARDS  
STATE & COUNTY ORIGIN: Incident WAPP2401636864

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)  
☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)  
☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)  
☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)  
☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Compu Recycler YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: San Tex Mex TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0300  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: Willy Miller DISPATCHER PHONE #: 505-209-5501

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: Corny Reimer DRIVER'S SIGNATURE: Corny Reimer  
(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 11/13/24 TIME IN: 5:50 AM / PM ☒ AM / PM ☐  
TIME OUT: \_\_\_\_\_  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A

☒ NORM TESTING: 284087  
(Less than 50 MCR)

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

EMPLOYEE SIGNATURE: [Signature]  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: Daniel Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**035402**

Part 1 - Generator  
Part 2 - Transporter  
Part 3 - Disposal Facility

COMPANY NAME: XTO  
LEASE: PLU 20 RD 124 H  
AFE #: 1251558318 API: 30-013-93242  
RIG NAME: 2401436844 WELL #: 666211001  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 11 12 24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
                  20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield 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: Offfield 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-offfield 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: Willy Wicker Date: \_\_\_\_\_ Signature: 452 209 0851

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sea Tex Alex YARD #: 20 WHP #: \_\_\_\_\_ TRUCK #: 102  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."  
DRIVER: Peter Thiesse DRIVER'S SIGNATURE: Peter Thiesse  
(Driver's Name Printed)  
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 11/13/24 TIME IN: 4:15 AM / PM TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_ WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING: \_\_\_\_\_  
TCLP: PASS FAIL N/A Less than 30 MCs  
TOX: PASS FAIL N/A  
Shake Out: 

1	2	3

 H<sub>2</sub>O: 5 Gallon Test: \_\_\_\_\_  
SERVICE NOTES: Aug 11/24  
This is to certify that: \_\_\_\_\_ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: \_\_\_\_\_



**OWL Landfill Services, LLC**  
D/B/A: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: Dave Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0363530**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU 20 BD 12411  
AFE #: \_\_\_\_\_ API: 30.015.53742  
RIG NAME: \_\_\_\_\_ WELL #: 12411  
STATE & COUNTY ORIGIN: LCCA

DATE: 11/13/24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sum Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 2  
ADDRESS: \_\_\_\_\_ TICKET #: 1 ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 233  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Nalberto Rodriguez DRIVER'S SIGNATURE: NK  
(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 11/13/24 TIME IN: 5:28 AM / ☒ PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: ☒ (Less than 50 MCG)  
Shake Out: 

1	2	3

  
H<sub>2</sub>O: 5 Gallon Test: \_\_\_\_\_  
SERVICE NOTES: This is to certify that: \_\_\_\_\_ Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: Dean B.





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave, Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Boyd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0363529**

Part 1 - Generator

COMPANY NAME: KTO  
LEASE: PLU 20 BD 12411  
AFE #: \_\_\_\_\_ API: 30-015-53242  
RIG NAME: \_\_\_\_\_ WELL #: 12411  
STATE & COUNTY ORIGIN: LSA

DATE: 11-13-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
                  20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (HOBs). Accepts certifications on a per load basis only

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.34, 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)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Son Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 233  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."  
DRIVER: Nabas Rodriguez DRIVER'S SIGNATURE: NK  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):  
☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 11/13/24 TIME IN: 130 AM (PM)  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PASS	FAIL	N/A
PAINT FILTERS	PASS	FAIL	N/A
TCLP	PASS	FAIL	N/A
TOX	PASS	FAIL	N/A

☐ NORM TESTING: Less than 50 MCRS

Shake Out:		
1	2	3

H<sub>2</sub>O S

Gallon Test: \_\_\_\_\_

SERVICE NOTES: ayden  
This is to certify that: \_\_\_\_\_ (Employee's Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_

Has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave, Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: Russell R. King  
Authorized Agent's Printed Name and Title  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0363531**

Part 1 - Generator

COMPANY NAME: KTD  
LEASE: PIV 20 BD 124 H  
AFE #: \_\_\_\_\_ API: 30.015-53212  
RIG NAME: 20 WELL #: 124 H  
STATE & COUNTY ORIGIN: LA

DATE: 11-13-24  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBL'S ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NORL). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Offfield waste which is non-hazardous but 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SUN TEX MEX YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 2  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 235  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Nabor Rodriguez DRIVER'S SIGNATURE: N.R.  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 11/13/24 TIME IN: 5:29 AM/PM ☒ AM ☐ PM  
TIME OUT: \_\_\_\_\_  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: P (Less than 50 MCR)  
Shake Out: 

1	2	3

284083  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: Alan Z  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave, Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: Kevin Reed  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0372670**

Part 1 - Generator  
Part 2 - Transporter  
Part 3 - Disposal Facility

COMPANY NAME: ATC  
LEASE: PLD 20 8D 124H  
AFE #: Pog E23P38313 API: 30-015-53242  
RIG NAME: ATP240163641 WELL #: CC 166211021  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 11-13-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
22 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> PR Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SanTex Inc YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 92  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 527  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_  
The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Carlyle Brown DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 11/13/24 TIME IN: 1210 AM/PM  
TIME OUT: \_\_\_\_\_ AM/PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: (Less than 50 MCR)  
Shake Out: 2841005  
H<sub>2</sub>O S: \_\_\_\_\_  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: Kayden  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Ruid  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0372671**

Part 1 - Generator  
Part 2 - Transporter  
Part 3 - Disposal Facility

COMPANY NAME: XTO  
LEASE: PLU 2080 124H  
AFE #: 90-1034558318 API: 30-015-33242  
RIG NAME: 440-240163364 WELL #: 56-1666211001  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 11-17-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SanTex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 02  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 517  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_  
The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Cornelio Rangel DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 11/13/24 TIME IN: 3:21 AM / PM ☒ TIME OUT: \_\_\_\_\_ AM / PM ☐  
WASHOUT BY: \_\_\_\_\_ WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: [Signature] (Less than 50 MCR)  
Shake Out: 

1	2	3

284043  
H<sub>2</sub>O S 


 Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name) \_\_\_\_\_ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: [Signature]  
White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0372672**

**Part 1 - Generator**

COMPANY NAME: STU  
LEASE: 120 30 BD 1344  
AFE #: Pg 1403055318 APL: 30-015-53242  
RIG NAME: HAFF2401076844 WELL #: C-166211001  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 11/13/24  
PHONE: \_\_\_\_\_  
QUANTITY: 30 ☐ BBLs ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below): \_\_\_\_\_

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sentex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 02  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 527  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**

DRIVER: Cornelia Kempel DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 11/13/24 TIME IN: 5:26 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:

	1	2	3
H <sub>2</sub> O			
S			

Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**  
ODA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfil.com

COMPANY MAN: David Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0350493**

**Part 1 - Generator**

COMPANY NAME: XTO 0361552318  
LEASE: PLU 20 BD 124 H  
AFE #: HAAPP2400163664 API: 30-01563212  
RIG NAME: 1666211001 WELL #: 124 H  
STATE & COUNTY ORIGIN: Eckly

DATE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☐ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- ☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOEL Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Scrap Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 57  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237  
DATE: \_\_\_\_\_ TIME: ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_  
RECEIVED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:

**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**

DRIVER: Wilbert Harpeth DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)

**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1/3/24 TIME IN: 1200 AM / PM TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_ WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PAINT FILTER:	PASS	FAIL	N/A
	TCLP:	PASS	FAIL	N/A
	TOX:	PASS	FAIL	N/A

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O: 248380 Gallon Test: \_\_\_\_\_

SERVICE NOTES: This is to certify that: \_\_\_\_\_ Employee (Printed Name)

EMPLOYEE SIGNATURE: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Ornel Bernal  
Authorized Agent's Printed Name and Title  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0350494**

**Part 1 - Generator**

COMPANY NAME: XTO 021558316  
LEASE: PLU 20 BD 124 H  
AFE #: 008210140944 API: 30-015-53212  
RIG NAME: 166621001 WELL #: 124 H  
STATE & COUNTY ORIGIN: TX/CD

DATE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: SEM TEX MEX YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 6237  
DATE: \_\_\_\_\_ TIME: ☐ AM ☐ PM DISPATCHER: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_  
RECEIVED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_ NAME: \_\_\_\_\_

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: Libert HARRIS DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9/1/24 TIME IN: 245 AM / PM ☒ AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: ☒ (Less than 50 MCR)  
Shake Out: 

1	2	3

268398  
H<sub>2</sub>O 5  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
USA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Brad  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0350495**

Part 1 - Generator

COMPANY NAME: XTO 031534318  
LEASE: PLU 22 BD 124 H  
AFE #: 144210163486 API: 30-05-53242  
RIG NAME: 14424001 WELL #: 124 H  
STATE & COUNTY ORIGIN: Edley

DATE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☐ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield 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: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name) \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SEM TEX OIL YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 59  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237  
DATE: \_\_\_\_\_ TIME: ☐ AM ☐ PM DISPATCHER: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_  
RECEIVED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_ NAME: \_\_\_\_\_

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: Libert Ward DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9/3/24 TIME IN: 1503 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: ☒ (Less than 50 MCR)  
Shake Out: 

1	2	3

268428  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: \_\_\_\_\_  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Brad  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0350496**

Part 1 - Generator

COMPANY NAME: ATD 03C1558715  
LEASE: PLU 20 BD 12/11  
APE #: MDP 240143641 API: 30-05-53242  
RIG NAME: 14442H001 WELL #: 12411  
STATE & COUNTY ORIGIN: LDDY

DATE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☐ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOEL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sum Tex Prox YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 59  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237  
DATE: \_\_\_\_\_ TIME: ☐ AM ☐ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_  
RECEIVED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Robert Howard DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1/19/24 TIME IN: 1258 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING	PAIN FILTER	PASS	FAIL	N/A
TCLP	PASS	FAIL	N/A	
TOX	PASS	FAIL	N/A	

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O: \_\_\_\_\_

Gallon Test: \_\_\_\_\_

SERVICE NOTES: This is to certify that: \_\_\_\_\_  
(Employee Printed Name)

EMPLOYEE SIGNATURE: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site

White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: Daniel Boyd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0350497**

Part 1 - Generator

COMPANY NAME: XTO 0361558318  
LEASE: PLU 20 BD 134 H  
AFE #: 2420163486 API: 30-08-53-42  
RIG NAME: 166621001 WELL #: 124 H  
STATE & COUNTY ORIGIN: 60624

DATE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
QUANTITY: 20 ☐ BBLs ☐ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous but does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Scm Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 7  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237  
DATE: \_\_\_\_\_ TIME: ☐ AM ☐ PM DISPATCHER: \_\_\_\_\_  
RECEIVED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_ NAME: \_\_\_\_\_ PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Gilbert Hamed DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9-8-24 TIME IN: 12:50 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: ☐ (Less than 50 MCR)  
Shake Out: 

1	2	3

  
H<sub>2</sub>O S: \_\_\_\_\_  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: This is to certify that: \_\_\_\_\_  
(Employee (Printed Name))  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0357377**

**Part 1 - Generator**

COMPANY NAME: XTO  
LEASE: PLU 20 BD 134 H  
AFE Project 10351558318 API: 30-015-53942  
RIG NAME: SC-16663/1001 WELL #: \_\_\_\_\_  
STATE & COUNTY ORIGIN: Incident: NAPP2401636864

DATE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL, Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below): \_\_\_\_\_

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sentex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 10  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wielek DISPATCHER PHONE #: 432-209-0851

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: Corny Reimer DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9-5-24 TIME IN: 1:10 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: \_\_\_\_\_  
(Less than 50 MCR)  
H<sub>2</sub>O \$ \_\_\_\_\_  
Shake Out: 

1	2	3

  
248834  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES:  
This is to certify that \_\_\_\_\_ Employee (Printed Name) \_\_\_\_\_  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Byrd  
Authorized Agent's Printed Name and Title  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343416**

Part 1 - Generator

COMPANY NAME: X70  
LEASE: PLU30BD124H  
AFE Project: 03CIS58318 API: 30-015-53292  
RIG NAME: WELL #C-1666211001  
STATE & COUNTY ORIGIN: Incident in APP2901636864

DATE: 9-5-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (HDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.34, 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)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SenTexMex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: Willy Wietor DISPATCHER PHONE #: 432-209-0851

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: Corny Reimer DRIVER'S SIGNATURE: Corny Reimer  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9/13/24 TIME IN: 6:14 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING: ☒ Less than 50 MGD  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
Shake Out: 

1	2	3

268137  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: \_\_\_\_\_  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343415**

COMPANY NAME: XTO  
LEASE: PLU20 RD 124H  
AFE Project: 03C1566318 API: 30-015-53249  
RIG NAME: \_\_\_\_\_ WELL ES-1666211001  
STATE & COUNTY ORIGIN: incident in APP 2401636864

DATE: 9-3-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NCE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: SenTex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0904  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM DISPATCHER NAME: Willy Wicker DISPATCHER PHONE #: 432-209-0851

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: Corny Reimer DRIVER'S SIGNATURE: Cor E. Reimer  
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/3/24 TIME IN: 4:10 AM / PM ☒ TIME OUT: \_\_\_\_\_ AM / PM ☐

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:			
PAINT FILTER:	PASS	FAIL	N/A
TCLP:	PASS	FAIL	N/A
TOX:	PASS	FAIL	N/A

☒ NORM TESTING: Less than 50 MGD

Shake Out:		
1	2	3

H<sub>2</sub>O: \_\_\_\_\_ Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility    Yellow: Transporter    Pink: Generator



**OWL Landfill Services, LLC**  
USA Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Boyd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343414**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU 20 BD 124 H  
APR Project: 03C155838 APR: 30-05-58243  
RIG NAME: WELDE-1666211001  
STATE & COUNTY ORIGIN: Incident in APP 24016364

DATE: 9-3-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield 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: Offfield 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 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentry Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0309  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: Willy Melon DISPATCHER PHONE #: 932-209-0851

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: Conny Reimer DRIVER'S SIGNATURE: Conny Reimer  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9/3/24 TIME IN: 2141 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: (Less than 50 MCG)  
Shake Out: 

1	2	3

268393  
H<sub>2</sub>O S: \_\_\_\_\_  
Gallon Test: \_\_\_\_\_  
SERVICE NOTES: Jayden  
This is to certify that: \_\_\_\_\_ (Employee Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Byrd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343413**

COMPANY NAME: XTO  
LEASE: PLU 20 BD 184H  
AFE Project: 03C1558318 API: 30-015-53242  
RIG NAME: \_\_\_\_\_ WELL # 5C-1666911001  
STATE & COUNTY ORIGIN: Incident: APP2401636864

DATE: 9-3-24  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
\_\_\_\_\_ ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL, Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Offfield 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-offfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sch Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Weller DISPATCHER PHONE #: 432-209-0851

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: Corny Reimer DRIVER'S SIGNATURE: Carl Stines  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/3/24 TIME IN: 1124 ☒ AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:				
PAINT FILTER	PASS	FAIL	N/A	
TCLP:	PASS	FAIL	N/A	
TOX:	PASS	FAIL	N/A	

**NORM TESTING:** (Less than 30 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O \_\_\_\_\_

Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: Jayden M  
has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility    Yellow: Transporter    Pink: Generator







**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David Burch  
(Authorizable Agent's Name, Title and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0351727**

**Part 1 - Generator**

COMPANY NAME: XTO  
LEASE: PLU 20 BD  
AFE #: \_\_\_\_\_ API: 30-015-53212  
RIG NAME: \_\_\_\_\_ WELL #: 124 H  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 9/4/24  
PHONE: 575-532-3289  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☐ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (HDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sam Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 10  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wickett DISPATCHER PHONE #: 432-281-0851

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: Cory Reimer DRIVER'S SIGNATURE: Carl Bruce  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/4/24 TIME IN: \_\_\_\_\_ AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:			
PAINT FILTER:	PASS	FAIL	N/A
TCLP	PASS	FAIL	N/A
TOX	PASS	FAIL	N/A

**NORM TESTING:** \_\_\_\_\_  
(Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O S \_\_\_\_\_

Gallon Test: \_\_\_\_\_

SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility    Yellow: Transporter    Pink: Generator



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: David David  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0364678**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLV2080124H  
AFE #: 0361558318 AFE: 30-015-53242  
RIG NAME: \_\_\_\_\_ WELL #: CC1666211001  
STATE & COUNTY ORIGIN: NM 2401636864

DATE: 9/5/88 1988 - 5676  
PHONE: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sea Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 53  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 298  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PM  
DISPATCHER NAME: Willy Wilcox DISPATCHER PHONE #: 4322090851

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: Tad Cui DRIVER'S SIGNATURE: \_\_\_\_\_  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9-5-24 TIME IN: 12:05 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A

☒ NORM TESTING: 6  
(Less than 50 MCR)

SERVICE NOTES: This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

EMPLOYEE SIGNATURE: \_\_\_\_\_

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Shake Out:

1	2	3

268522

Gallon Test: \_\_\_\_\_



**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
3889 Maple Ave. Suite 300  
Dallas, TX 75219  
505.231.1212  
ar@ndblandfill.com

COMPANY MAN: Y. Smith  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: [Signature]  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0364676**

Part 1 - Generator

COMPANY NAME: XTO  
LEASE: PLU 20 BD  
AFE #: \_\_\_\_\_ API: \_\_\_\_\_  
RIG NAME: \_\_\_\_\_ WELL #: 124 H  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 9/4/24  
PHONE: 575.552.3789  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sea Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 53  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: Willy Wier DISPATCHER PHONE #: 432.209.0851

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: Tad Curry DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9/4/24 TIME IN: 4:07 AM/PM ☒ AM ☒ PM  
TIME OUT: 4:14 AM/PM ☒ AM ☒ PM

WASHOUT BY: \_\_\_\_\_ WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PAINT FILTER:	PASS	FAIL	N/A
	TCLP:	PASS	FAIL	N/A
	TOX:	PASS	FAIL	N/A

☒ NORM TESTING: [Signature]  
(Less than 50 MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O 5 Gallon Test: 268663

SERVICE NOTES: This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
EMPLOYEE SIGNATURE: [Signature]  
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator





**OWL Landfill Services, LLC**  
DBA: Northern Delaware Basin Landfill  
8201 Preston Rd., Suite 520  
Dallas, TX 75225  
214.292.2011  
ar@ndblandfill.com

COMPANY MAN: David B. Judd  
(Authorized Agent's Printed Name and Title)  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0351729**

**Part 1 - Generator**

COMPANY NAME: XTO  
LEASE: PIU 20 BD  
AFE #: \_\_\_\_\_ API: 30-1013-53 212  
RIG NAME: \_\_\_\_\_ WELL #: 124 11  
STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 9/4/24  
PHONE: 575 552 3789  
QUANTITY: \_\_\_\_\_ ☐ BBLs  
20 ☒ YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDEL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

**Part 2 - Transporter**

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**

COMPANY NAME: Sem Tex MEX YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 53  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: ☐ AM ☒ PM DISPATCHER NAME: \_\_\_\_\_ DISPATCHER PHONE #: \_\_\_\_\_

The following statement must be signed by the truck driver prior to unloading at disposal facility:  
**"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."**  
DRIVER: Fred C. Judd DRIVER'S SIGNATURE: [Signature]  
(Driver's Name Printed)  
**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Part 3 - Disposal Facility**

**TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill  
2029 W. NM Highway 128 | Jal, New Mexico 88252  
DATE: 9/4/24 TIME IN: 1:03 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM  
WASHOUT BY: \_\_\_\_\_  
WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_  
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A  
TCLP: PASS FAIL N/A  
TOX: PASS FAIL N/A  
NORM TESTING: ☒ (Less than 50 MCR)  
Shake Out: 

1	2	3

  
H<sub>2</sub>O: \_\_\_\_\_ Gallon Test: 168612  
SERVICE NOTES:  
This is to certify that: \_\_\_\_\_ Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site.  
EMPLOYEE SIGNATURE: [Signature]  
White Copy: Disposal Facility Yellow: Transporter Pink: Generator





## APPENDIX F

### Laboratory Analytical Reports & Chain of Custody Documentation

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

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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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		Analyzed 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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance 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.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/21/2024  
Reported: 11/22/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 11/20/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance 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.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Ensolum, LLC				<b>Bill To:</b>				<b>ANALYSIS REQUEST</b>			
<b>Project Manager:</b> Tracy M. Ward				<b>P.O. #:</b>							
<b>Address:</b> 3122 National Parks Hwy				<b>Company:</b> XTO Energy							
<b>City:</b> Carlsbad				<b>Attn:</b> Cotton Brown							
<b>State:</b> NM <b>Zip:</b> 88220				<b>Address:</b> 3124 E. Green St.							
<b>Phone #:</b> 409-454-3009 <b>Fax #:</b>				<b>City:</b> Carlsbad							
<b>Project #:</b> 521558318 <b>Project Owner:</b> XTO				<b>State:</b> NM <b>Zip:</b> 88220							
<b>Project Name:</b> PLU 20 Brady Drive 124 H & 105 H				<b>Phone #:</b>							
<b>Project Location:</b> 32.11170, -103.30534				<b>Fax #:</b>							
<b>Sampler Name:</b> Kelly Perez											
<b>From Lab and Date:</b>											
<b>Lab I.D.</b>	<b>Sample I.D.</b>	<b>Depth (feet)</b>	<b>(G/RAB OR (C)OMP</b>	<b># CONTAINERS</b>	<b>MATRIX</b>	<b>PRESERV</b>	<b>SAMPLING</b>				
					GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE ICE / COOL OTHER:	DATE	TIME			
Head 7119		7	C 1	X			11/16/19	1150	X	TPH 8015	
1 F563B		10	C 1	X			11/20/19	1240	X	BTX 8021	
2 F564A		4-10	C 1	X			11/20/19	1315	X	Chloride 4500	
5 SW10											
<i>WP</i>											
<b>Requisitioned By:</b> Kelly Perez											
<b>Received By:</b> [Signature]											
<b>Date:</b> 1/23/20											
<b>Time:</b> 1330											
<b>Overseer Temp. °C:</b> 21.9											
<b>Sample Condition:</b> Cool, sealed											
<b>Container Temp. °C:</b> 23											
<b>Checked By:</b> [Signature]											
<b>Turnaround Time:</b> 14 days											
<b>Standard:</b> [Signature]											
<b>Backlog (only):</b> Sample Condition											
<b>Cool (only):</b> Observed Temp. °C											
<b>Thawed (only):</b> Observed Temp. °C											
<b>Connected Temp. °C:</b>											



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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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	06/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	06/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/20/2024  
Reported: 06/26/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager





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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

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101 East Marland, Hobbs, NM 88240  
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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

[illegible]



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

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/15/2024  
Reported: 07/19/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/15/2024  
Reported: 07/19/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/15/2024  
Reported: 07/19/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 07/15/2024  
Reported: 07/19/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/15/2024  
Reported: 07/19/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/15/2024  
Reported: 07/19/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558318  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

BILL TO										ANALYSIS REQUEST									
P.O. #:					Company: XTO Energy														
Address: 3122 National Parks Hwy					Attn: Amy Ruth														
City: Carlisle					State: NM Zip: 88220														
Phone #: 575 487 3906					Fax #: 575 487 3906														
Project #: 03C1558318					Project Owner:														
Project Name: PLO 20 Brushy Draw 124H																			
Project Location: 32.1175, -103.90606																			
Sampler Name: Joshua Boxley																			
Lab I.D.		Sample I.D.		Depth (feet)		PRESERV		MATRIX		DATE		TIME							
H244204		5501		0.5'		X		GROUNDWATER		7/11/24		1030		X		OTEX			
5502		0.5'		X		SLUDGE		WATER		1035		950		X					
5503		2"		X		SLUDGE		WATER		1300		1240		X					
5504C		3"		X		SLUDGE		WATER		1105		1105		X					
5514A		1'		X		SLUDGE		WATER						X					

Vertical Results: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

thillard@ensolum.com

REMARKS: Cost Center: 1666211001

Incident #: NAPP2401636864

Formalund Time: Standard ☒ Rush ☐

Thermometer ID: 4444 ☒ 140 ☐

Correction Factor: 0.00 ☒ 0.05 ☐ 0.10 ☐

Relinquished By:		Received By:		Observed Temp. °C		Corrected Temp. °C	
[Signature]		[Signature]		29		29	
Date: 7/11/24		Date: 7/11/24		Time: 14:27		Time: 14:27	

Relinquished By: [Signature]

Received By: [Signature]

Observed Temp. °C: 29

Corrected Temp. °C: 29

Delivered By: (Circle One)

Impiler - UPS - Bus - Other:

Sample Condition: Cool ☒ Intact ☐

Observed Temp. °C: 29

Corrected Temp. °C: 29

† Cardinal cannot accept verbal changes. Please email changes to [celery.kennel@cardinallab.com](mailto:celery.kennel@cardinallab.com)



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

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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/20/2024  
Reported: 08/22/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558434  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 08/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: FS 02 1 (H245048-01)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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



---

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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

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Enslin, LLC <b>Project Manager:</b> Tracy Hillard <b>Address:</b> 3122 National Parks Hwy <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> 337 267-8307 <b>Fax #:</b> <b>Project #:</b> 03C155B434 <b>Project Owner:</b> XTO <b>Project Name:</b> PLU 20 Brushy Draw 124H <b>Project Location:</b> <b>Sampler Name:</b> Connor Whitman <b>P.O. #:</b> <b>Company:</b> XTO Energy Inc. <b>Attn:</b> Amy Ruth <b>Address:</b> 3104 E. Green St. <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
<b>Lab I.D.</b> H45048  <b>Sample I.D.</b> B562		<b>Sample Depth (feet)</b> 1		(G/RAB OR G/COMP.) <input type="checkbox"/> CONTAINERS GROUNDWATER WASTEWATER SOIL NO SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME 8-6-24 1300		BTX TPH CHLORIDE			
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other		<b>Observed Temp. °C</b> 0.82		<b>Sample Condition</b> Cool    Wet    No    Yes		<b>CHECKED BY:</b> (Printable)		<b>Turnaround Time</b> Standard    Rush		<b>Analysis (only) Sample Condition</b> Cool    Wet    No    Yes	
<b>Relinquished By:</b>		<b>Date:</b> 8-6-24		<b>Received By:</b>		<b>RESUBMIT:</b> Cool Center    1000211001		<b>Incident ID:</b> N4P9345105000		<b>Contacted Temp. °C</b>	
<p>Please send copy of report to: cwhitman@enslin.com</p> <p>All Results are emailed. Please provide Email address: t.hillard@enslin.com, thillards@enslin.com, T.Hillard@enslin.com</p> <p>Resubmit ID: N4P9345105000</p>											



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

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/20/2024  
Reported: 08/22/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558434  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 08/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: FS 01 1 (H245049-01)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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\*=Accredited Analyte

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



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

**Analytical Results For:**

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

Received: 08/20/2024  
Reported: 08/22/2024  
Project Name: PLU 20 BRUSHY DRAW 124H  
Project Number: 03C1558434  
Project Location: XTO 32.11175,-103.90606

Sampling Date: 08/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: FS 03 2 (H245049-02)**

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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





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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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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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

Page 5 of 5



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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 BTX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/27/2024  
Reported: 08/29/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	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 % 71.5-134

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	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensilium, LLC		<b>BILL TO</b>		ANALYSIS REQUEST	
Project Manager: Tracy Hilbard		P.O. #:			
Address: 3122 National Parks Hwy		Company: XTO Energy Inc.			
City: Carlsbad		State: NM Zip: 88220			
Phone #: 575-937-3908 Fax #:		Attn: Amy Ruth			
Project #: 03C1598318 & 03C1598482 Project Owner: XTO		Address: 3104 E. Green St.			
Project Name: PLU 20 Brushy Draw 124H & 105H		City: Carlsbad			
Project Location: 32.11170, -103.90534		State: NM Zip: 88220			
Sample Name: Jesse Dorman		Phone #:			
Fax #:					

Lab I.D.	Sample I.D.	Sample Depth (feet)	MATERIAL	PRESERVATION	DATE	TIME	ANALYSIS REQUEST									
							BTEX	TPH	CHLORIDE							
1045RA2	ES04	1'	GROUNDWATER	✓	8/21/2020	1205	✓	✓	✓							
2	ES08	1'	GROUNDWATER	✓	8/21/2020	1210	✓	✓	✓							
3	ES06	1'	GROUNDWATER	✓	8/21/2020	1215	✓	✓	✓							
4	ES07	1'	GROUNDWATER	✓	8/21/2020	1235	✓	✓	✓							
5	ES08	1'	GROUNDWATER	✓	8/21/2020	1240	✓	✓	✓							
6	ES09	1'	GROUNDWATER	✓	8/21/2020	1245	✓	✓	✓							
7	ES10	1'	GROUNDWATER	✓	8/21/2020	1250	✓	✓	✓							
8	ES11	1'	GROUNDWATER	✓	8/21/2020	1305	✓	✓	✓							
9	ES12	1'	GROUNDWATER	✓	8/21/2020	1310	✓	✓	✓							
10	ES13	1'	GROUNDWATER	✓	8/21/2020	1315	✓	✓	✓							

Ensilium, LLC is not responsible for the accuracy of the information provided by the client. The client is responsible for the accuracy of the information provided. Ensilium, LLC is not responsible for the accuracy of the information provided by the client. The client is responsible for the accuracy of the information provided.

Relinquished By: [Signature]		Received By: [Signature]	
Date: 8/27/24		Time: 1347	
Relinquished By: [Signature]		Received By: [Signature]	
Date: [Blank]		Time: [Blank]	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp: 18.2°C Corrected Temp: 1.2°C	Sample Condition: Cool - Insulated Frist - No No	CHECKED BY: [Signature]
Vertical Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Jacket Phone #: [Blank]	
All Results are entered. Please provide email address:		Thermostat ID: [Blank]	
Thermostat ID: [Blank]		Thermostat ID: [Blank]	
REMARKS: Cool Center: 2234641901 & 166011001		Insulation ID: 1439948100000 & 143994800007757	
Standard: [Blank]		Bacteria (only) Sample Condition:	
Cool - Insulated		Cool - Insulated	
Frist - No		Frist - No	
No		No	
Corrected Temp: 1.2°C		Corrected Temp: 1.2°C	

† Cardinal cannot accept verbal changes. Please email changes to cathy.keene@cardinallabs.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensilum, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575-937-3906

Fax #:

State: NM Zip: 88220

P.O. #:

Company: XTO Energy Inc.

Attn: Amy Ruth

Address: 3104 E. Green St.

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

Project # : 00C1558318 & 00C1558482 Project Owner: XTO

Project Location: 32.11170, -103.90534

Sampler Name: Jesse Dorman

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth (feet)	VORAB OR (COMP)	CONTAINERS	MATRIX						PRESERV		SAMPLING		BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE			
1045192	ES14	1'	✓	✓	✓								8/2/04	1315			
1045193	ES15	1'	✓	✓	✓								1320				
1045194	ES16	1'	✓	✓	✓								1340				
1045195	ES17	1'	✓	✓	✓								1345				
1045196	ES18	1'	✓	✓	✓								1350				
1045197	ES19	1'	✓	✓	✓								1355				

Refilled/used By: [Signature] Received By: [Signature] Temp: 1347 Date: [Signature] Received By: [Signature]

Delivered By: (Circle One) Observed Temp: 1.8°C Sample Condition: Cool (Initial) Checked By: [Signature] Temperature ID: 440-0163 Standard: 49hr

1. Cardinal cannot accept verbal changes. Please email changes to cef@ensilum.com



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Maryland, Hoboken, NJ 08240  
(575) 393-2326 FAX (575) 393-2476

[illegible]





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

401 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

Company Name: Enchem, LLC		P.O. #:		BILL TO										ANALYSIS REQUEST													
Project Manager: Tracy Hillard		Address: 3122 National Parks Hwy		City: Carlsbad		State: NM		Zip: 88220		Company: XTO Energy Inc.		Attn: Amy Ruth		Address: 3104 E. Green St.		City: Carlsbad		State: NM		Zip: 88220		Phone #:		Fax #:			
Phone #: 575-937-3906		Fax #: 575-937-3906		Project #: 03C1558318 & 03C1658482		Project Owner: XTO		Project Name: PLU 20 Brushy Draw 124H & 105H		Project Location: 32-11170, -103-90534		Sampler Name: Jesse Dorman		P.O. #:		Address:		City:		State:		Zip:		Phone #:		Fax #:	

Lab I.D.	Sample I.D.	Sample Depth (feet)	LOG/SLAB OR (COMP)	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	BTEX	TPH	CHLORIDE
HA45992	F334	1'	✓	✓	GROUNDWATER			1/20/24	1350	✓	✓	✓
238	F337	1'	✓	✓	WASTEWATER			1/20/24	1350	✓	✓	✓
249	F338	1'	✓	✓	SOIL			1/20/24	1350	✓	✓	✓
37					SLUDGE							
					OTHER							
					ACID/BASE							
					ICE / COOL							
					OTHER							

At least eight (8) units and three (3) units are required for any one sampling station. Units are required to be sealed and labeled by the client prior to the analysis. All units, including those for duplicate and any other special analysis, shall be sealed within 24 hours of sampling and labeled by the client prior to the analysis. It is the client's responsibility to ensure that all units are properly sealed and labeled. The client shall provide a copy of this Chain of Custody and Analysis Request form to the client prior to the analysis.

Requested By: [Signature]		Received By: [Signature]		Date: 1/20/24		Time: 1350		Temperature: 18°C		Sample Condition: Good		CHECKED BY: [Signature]		Formal Report: [Signature]		Analysis (only) Sample Condition: Good	
Delivered By: (Circle One)		Returned By: (Circle One)		Date: 1/20/24		Time: 1350		Temperature: 18°C		Sample Condition: Good		CHECKED BY: [Signature]		Formal Report: [Signature]		Analysis (only) Sample Condition: Good	
Sampler: UPS - Bus - Other:		Returned: [Signature]		Date: 1/20/24		Time: 1350		Temperature: 18°C		Sample Condition: Good		CHECKED BY: [Signature]		Formal Report: [Signature]		Analysis (only) Sample Condition: Good	



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

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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)**

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	09/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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---

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Envision, LLC <b>Project Manager:</b> David McCreary <b>Address:</b> 3122 National Parks Hwy <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> 409-454-3009 <b>Fax #:</b> <b>Project #:</b> 03C155831B & 03C1558442 <b>Project Owner:</b> XTO <b>Project Name:</b> PLU 20 Brushy Draw 124H & 105H <b>Project Location:</b> 32.11170, -103.90634 <b>Sampler Name:</b> Jesse Dorman		<b>P.O. #:</b> <b>Company:</b> XTO Energy Inc. <b>Attn:</b> Amy Ruth <b>Address:</b> 3104 E. Green St. <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b> H245551	<b>Sample I.D.</b> S201 S202 S203 S204 S205 S206 S207 S208 S209 S210	<b>Sample Depth (feet)</b> 0-1' 1-2' 2-3' 3-4' 4-5' 5-6' 6-7' 7-8' 8-9' 9-10'	(GRAB OR COMPOUND) CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER	DATE TIME	BTEX TPH CHLORIDE		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			Received By: [Signature] Date: 7/23/24 Time: 1:33p	Sample Conditions Cool Initial Pres. Temp. No.	CHLORIDE BY: (Initials) AP	Turnaround Time: Standard 48hr 72hr 96hr 120hr 144hr 168hr 192hr 216hr 240hr 264hr 288hr 312hr 336hr 360hr 384hr 408hr 432hr 456hr 480hr 504hr 528hr 552hr 576hr 600hr 624hr 648hr 672hr 696hr 720hr 744hr 768hr 792hr 816hr 840hr 864hr 888hr 912hr 936hr 960hr 984hr 1008hr 1032hr 1056hr 1080hr 1104hr 1128hr 1152hr 1176hr 1200hr 1224hr 1248hr 1272hr 1296hr 1320hr 1344hr 1368hr 1392hr 1416hr 1440hr 1464hr 1488hr 1512hr 1536hr 1560hr 1584hr 1608hr 1632hr 1656hr 1680hr 1704hr 1728hr 1752hr 1776hr 1800hr 1824hr 1848hr 1872hr 1896hr 1920hr 1944hr 1968hr 1992hr 2016hr 2040hr 2064hr 2088hr 2112hr 2136hr 2160hr 2184hr 2208hr 2232hr 2256hr 2280hr 2304hr 2328hr 2352hr 2376hr 2400hr 2424hr 2448hr 2472hr 2496hr 2520hr 2544hr 2568hr 2592hr 2616hr 2640hr 2664hr 2688hr 2712hr 2736hr 2760hr 2784hr 2808hr 2832hr 2856hr 2880hr 2904hr 2928hr 2952hr 2976hr 3000hr 3024hr 3048hr 3072hr 3096hr 3120hr 3144hr 3168hr 3192hr 3216hr 3240hr 3264hr 3288hr 3312hr 3336hr 3360hr 3384hr 3408hr 3432hr 3456hr 3480hr 3504hr 3528hr 3552hr 3576hr 3600hr 3624hr 3648hr 3672hr 3696hr 3720hr 3744hr 3768hr 3792hr 3816hr 3840hr 3864hr 3888hr 3912hr 3936hr 3960hr 3984hr 4008hr 4032hr 4056hr 4080hr 4104hr 4128hr 4152hr 4176hr 4200hr 4224hr 4248hr 4272hr 4296hr 4320hr 4344hr 4368hr 4392hr 4416hr 4440hr 4464hr 4488hr 4512hr 4536hr 4560hr 4584hr 4608hr 4632hr 4656hr 4680hr 4704hr 4728hr 4752hr 4776hr 4800hr 4824hr 4848hr 4872hr 4896hr 4920hr 4944hr 4968hr 4992hr 5016hr 5040hr 5064hr 5088hr 5112hr 5136hr 5160hr 5184hr 5208hr 5232hr 5256hr 5280hr 5304hr 5328hr 5352hr 5376hr 5400hr 5424hr 5448hr 5472hr 5496hr 5520hr 5544hr 5568hr 5592hr 5616hr 5640hr 5664hr 5688hr 5712hr 5736hr 5760hr 5784hr 5808hr 5832hr 5856hr 5880hr 5904hr 5928hr 5952hr 5976hr 6000hr 6024hr 6048hr 6072hr 6096hr 6120hr 6144hr 6168hr 6192hr 6216hr 6240hr 6264hr 6288hr 6312hr 6336hr 6360hr 6384hr 6408hr 6432hr 6456hr 6480hr 6504hr 6528hr 6552hr 6576hr 6600hr 6624hr 6648hr 6672hr 6696hr 6720hr 6744hr 6768hr 6792hr 6816hr 6840hr 6864hr 6888hr 6912hr 6936hr 6960hr 6984hr 7008hr 7032hr 7056hr 7080hr 7104hr 7128hr 7152hr 7176hr 7200hr 7224hr 7248hr 7272hr 7296hr 7320hr 7344hr 7368hr 7392hr 7416hr 7440hr 7464hr 7488hr 7512hr 7536hr 7560hr 7584hr 7608hr 7632hr 7656hr 7680hr 7704hr 7728hr	



**CARDINAL**  
Laboratories

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

**BILL TO**

## ANALYSIS REQUEST

Company Name:	Enfield, LLC	P.O. #:	
Project Manager:	David Morris	Company:	XTO Energy Inc.
Address:	3122 National Parks Hwy	Attn:	Amy Fluth
City:	Carlsbad	Address:	3104 E. Green St.
Phone #:	409-454-3009	City:	Carlsbad
		State:	NM
Project #:	00C1558318 & 00C1558482	Zip:	86220
Project Name:	PLU 20 Brushy Draw 124H & 105H		
Project Location:	32.11170, -103.90534		
Sample Name:	Jesse Dorman		

Lab I.D.	Sample I.D.	Sample Depth (feet)	SYRAB OR (CYOMP)	CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	BTEX	TPH	CHLORIDE
H24557	FS40	2'	✓	✓			✓					✓		9/16/24	1510	✓	✓	✓
	FS4A	↓	✓	✓										↓	1520			

[illegible]

Requisitioned By: <i>aw</i>		Received By: <i>aw</i>	
Requisitioned By: <i>aw</i>		Received By: <i>aw</i>	
Date: <i>1/22/24</i>		Date: <i>1/22/24</i>	
Time:		Time:	

Medical Record: ☐ Yes ☒ No ☐ No ☐ No  
 All Records are included. Please provide Email address:  
 This is a medical record. [MedicalRecord@erx.com](mailto:MedicalRecord@erx.com)  
 Contact Center: 202-464-1101 & 1-800-221-1001  
 Incident ID: [MedicalRecord@erx.com](mailto:MedicalRecord@erx.com) & [MedicalRecord@erx.com](mailto:MedicalRecord@erx.com)

† Cardinal cannot accept verbal changes. Please email changes to [celery.kierne@cardinalsbarn.com](mailto:celery.kierne@cardinalsbarn.com)



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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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)**

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-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		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 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

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		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 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 98.6 % 71.5-134

Chloride, SM4500CI-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		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 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

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		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 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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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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\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a light blue horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Enclon, LLC <b>Project Manager:</b> David McNamee <b>Address:</b> 3122 National Parks Hwy <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> 409-454-3009 <b>Fax #:</b> <b>Project #:</b> 03C155018 & 03C155042 <b>Project Owner:</b> XTO <b>Project Name:</b> PLU 20 Brushy Draw 12-4H & 105H <b>Project Location:</b> 32-11170, -103-90534 <b>Sampler Name:</b> Jesse Dorman				<b>P.O. #:</b> <b>Company:</b> XTO Energy Inc. <b>Attn:</b> Amy Ruth <b>Address:</b> 3104 E. Green St. <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b>			
<b>Lab I.D.</b> H2455 <b>Sample I.D.</b> 1555 1554 1553 1552 1551 1550 1549 1548 1547 1546 1545 1544 1543 1542 1541 1540 1539 1538 1537 1536 1535 1534 1533 1532 1531 1530 1529 1528 1527 1526 1525 1524 1523 1522 1521 1520 1519 1518 1517 1516 1515 1514 1513 1512 1511 1510 1509 1508 1507 1506 1505 1504 1503 1502 1501 1500 1499 1498 1497 1496 1495 1494 1493 1492 1491 1490 1489 1488 1487 1486 1485 1484 1483 1482 1481 1480 1479 1478 1477 1476 1475 1474 1473 1472 1471 1470 1469 1468 1467 1466 1465 1464 1463 1462 1461 1460 1459 1458 1457 1456 1455 1454 1453 1452 1451 1450 1449 1448 1447 1446 1445 1444 1443 1442 1441 1440 1439 1438 1437 1436 1435 1434 1433 1432 1431 1430 1429 1428 1427 1426 1425 1424 1423 1422 1421 1420 1419 1418 1417 1416 1415 1414 1413 1412 1411 1410 1409 1408 1407 1406 1405 1404 1403 1402 1401 1400 1399 1398 1397 1396 1395 1394 1393 1392 1391 1390 1389 1388 1387 1386 1385 1384 1383 1382 1381 1380 1379 1378 1377 1376 1375 1374 1373 1372 1371 1370 1369 1368 1367 1366 1365 1364 1363 1362 1361 1360 1359 1358 1357 1356 1355 1354 1353 1352 1351 1350 1349 1348 1347 1346 1345 1344 1343 1342 1341 1340 1339 1338 1337 1336 1335 1334 1333 1332 1331 1330 1329 1328 1327 1326 1325 1324 1323 1322 1321 1320 1319 1318 1317 1316 1315 1314 1313 1312 1311 1310 1309 1308 1307 1306 1305 1304 1303 1302 1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286 1285 1284 1283 1282 1281 1280 1279 1278 1277 1276 1275 1274 1273 1272 1271 1270 1269 1268 1267 1266 1265 1264 1263 1262 1261 1260 1259 1258 1257 1256 1255 1254 1253 1252 1251 1250 1249 1248 1247 1246 1245 1244 1243 1242 1241 1240 1239 1238 1237 1236 1235 1234 1233 1232 1231 1230 1229 1228 1227 1226 1225 1224 1223 1222 1221 1220 1219 1218 1217 1216 1215 1214 1213 1212 1211 1210 1209 1208 1207 1206 1205 1204 1203 1202 1201 1200 1199 1198 1197 1196 1195 1194 1193 1192 1191 1190 1189 1188 1187 1186 1185 1184 1183 1182 1181 1180 1179 1178 1177 1176 1175 1174 1173 1172 1171 1170 1169 1168 1167 1166 1165 1164 1163 1162 1161 1160 1159 1158 1157 1156 1155 1154 1153 1152 1151 1150 1149 1148 1147 1146 1145 1144 1143 1142 1141 1140 1139 1138 1137 1136 1135 1134 1133 1132 1131 1130 1129 1128 1127 1126 1125 1124 1123 1122 1121 1120 1119 1118 1117 1116 1115 1114 1113 1112 1111 1110 1109 1108 1107 1106 1105 1104 1103 1102 1101 1100 1099 1098 1097 1096 1095 1094 1093 1092 1091 1090 1089 1088 1087 1086 1085 1084 1083 1082 1081 1080 1079 1078 1077 1076 1075 1074 1073 1072 1071 1070 1069 1068 1067 1066 1065 1064 1063 1062 1061 1060 1059 1058 1057 1056 1055 1054 1053 1052 1051 1050 1049 1048 1047 1046 1045 1044 1043 1042 1041 1040 1039 1038 1037 1036 1035 1034 1033 1032 1031 1030 1029 1028 1027 1026 1025 1024 1023 1022 1021 1020 1019 1018 1017 1016 1015 1014 1013 1012 1011 1010 1009 1008 1007 1006 1005 1004 1003 1002 1001 1000 999 998 997 996 995 994 993 992 991 990 989 988 987 986 985 984 983 982 981 980 979 978 977 976 975 974 973 972 971 970 969 968 967 966 965 964 963 962 961 960 959 958 957 956 955 954 953 952 951 950 949 948 947 946 945 944 943 942 941 940 939 938 937 9							



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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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)**

BTX 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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mainland, Hobbs, NM 88240  
(575) 293-2326 FAX (575) 293-2476

<b>(575) 293-2226 FAX (575) 293-2416</b>									
<b>Company Name:</b> Enshien, LLC									
<b>Project Manager:</b> David Morris									
<b>Address:</b> 3122 National Parks Hwy									
<b>City:</b> Carlsbad									
<b>State:</b> NM <b>Zip:</b> 88220									
<b>Phone #:</b> 409-454-3009 <b>Fax #:</b>									
<b>Project #:</b> 00C1558318 & 00C1558402 <b>Project Owner:</b> XTO									
<b>Project Name:</b> PLU 20 Brushy Draw 124H & 105H									
<b>Project Location:</b> 32-11170, -103-90534									
<b>Sampler Name:</b> Jesse Dorman									
<b>Lab I.D.:</b> 4245534									
<b>Sample I.D.:</b> 5567									
<b>Sample Depth (feet):</b> 2									
<b>FORAB OR (COMP)</b>									
<b># CONTAINERS</b>									
<b>GROUNDWATER</b>									
<b>WASTEWATER</b>									
<b>SOIL</b>									
<b>SLUDGE</b>									
<b>OTHER:</b>									
<b>ACIDBASE:</b>									
<b>ICE / COOL</b>									
<b>OTHER:</b>									
<b>DATE</b>									
<b>TIME</b>									
<b>BTEX</b>									
<b>TPH</b>									
<b>CHLORIDE</b>									
<b>Vertical Datum:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Point</b>									
<b>As Results are needed, Please provide Email address:</b>									
<b>Thermal Time</b>									
<b>Standard</b>									
<b>Bacteria (only) Sample Condition</b>									
<b>Corrected Temp: °C</b>									
<b>Corrected Temp: °F</b>									





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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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)**

BTX 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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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 BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 97.4 % 71.5-134

Chloride, SM4500CI-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		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 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 99.0 % 71.5-134

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		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 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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) 98.7 % 71.5-134

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		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 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a light blue horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Enechem, LLC		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>										
<b>Project Manager:</b> David Morris		<b>P.O. #:</b>												
<b>Address:</b> 3122 National Parks Hwy		<b>Company:</b> XTO Energy Inc.												
<b>City:</b> Carlsbad		<b>Attn:</b> Amy Ruth												
<b>Phone #:</b> 409-454-3009		<b>Address:</b> 3104 E. Green St.												
<b>Fax #:</b>		<b>City:</b> Carlsbad												
<b>Project #:</b> 03C1558318 & 03C1558442		<b>State:</b> NM												
<b>Project Name:</b> PLU 20 Brushy Draw 124H & 105H		<b>Zip:</b> 88220												
<b>Project Location:</b> 32-11170, -103 00534		<b>Phone #:</b>												
<b>Sample Name:</b> Jesse Dorman		<b>Fax #:</b>												
<b>Field Lab Use Only</b>		<b>Matrix</b>		<b>Pres. Serv.</b>		<b>Sampling</b>								
		<input type="checkbox"/> GROUNDWATER		<input type="checkbox"/> ACID/BASE										
		<input type="checkbox"/> WASTEWATER		<input type="checkbox"/> ICE / COOL										
		<input type="checkbox"/> SOIL		<input type="checkbox"/> OTHER										
		<input type="checkbox"/> OIL		<input type="checkbox"/> DATE										
		<input type="checkbox"/> SLUDGE		<input type="checkbox"/> TIME										
		<input type="checkbox"/> OTHER												
<b>Lab I.D.</b>	<b>Sample I.D.</b>	<b>Sample Depth (feet)</b>	<b>DO/RAB OR (C)OMP.</b>	<b>CONTAINERS</b>										
4245555	SWOT	0-3	✓	✓										
1	SWOG	0-3	✓	✓										
2	SWOG	0-2	✓	✓										
3	PSYG	4	✓	✓										
4	SWOG	0-3	✓	✓										
5	SWOG	0-3	✓	✓										
6	SWOG	0-3	✓	✓										
7	PSYG	4	✓	✓										
8	PSYG	4	✓	✓										
9	PSYG	4	✓	✓										
10	PSYG	4	✓	✓										
<b>Remarks:</b>														
<b>Received By:</b> [Signature]														
<b>Date:</b> 9/12/24														
<b>Time:</b> 1530														
<b>Received By:</b> [Signature]														
<b>Date:</b> 9/12/24														
<b>Time:</b> 1530														
<b>Checked By:</b> [Signature]														
<b>Date:</b> 9/12/24														
<b>Time:</b> 1530														
<b>Remarks:</b>														
<b>Cardinal cannot accept verbal changes. Please email changes to cody.kennedy@cardinalabnm.com</b>														



Released to Imaging: 1/28/2025 2:33:35 PM



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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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTX 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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**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 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		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 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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		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	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 % 71.5-134

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		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 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		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 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		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 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/16/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		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 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

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		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 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

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		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 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/16/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS43 3' (H245556-13)**

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS44 3' (H245556-14)**

BTX 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	09/14/2024	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 BTX	<0.300	0.300	09/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS45 3' (H245556-15)**

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		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 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS46 3' (H245556-16)**

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/16/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS47 3' (H245556-17)**

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	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 % 71.5-134

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	09/16/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS41 3' (H245556-18)**

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS51 3' (H245556-19)**

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	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 % 71.5-134

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		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 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/12/2024  
Reported: 09/16/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: FS52 3' (H245556-20)**

BTX 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	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 BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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(575) 393-2320 FAX (575) 393-2470

[illegible]



101 East Maryland, Hobbs, NM 88240  
(505) 293-2326 FAX (505) 293-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/04/2024  
Reported: 10/07/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 10/04/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/04/2024  
Reported: 10/07/2024  
Project Name: PLU 20 BRUSHY DRAW 124H & 105H  
Project Number: 03C1558318 & 03C1558482  
Project Location: XTO 32.11170-103.90534

Sampling Date: 10/04/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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### Notes and Definitions

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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

[illegible]

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General Information  
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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

Action 423854

QUESTIONS

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:  5380
	Action Number:  423854
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405057797
Incident Name	NAPP2405057797 POKER LAKE UNIT 20-8 BD 105H @ 30-015-53240
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-53240] POKER LAKE UNIT 20 8 BD #105H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	POKER LAKE UNIT 20-8 BD 105H
Date Release Discovered	02/05/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 21 BBL   Recovered: 18 BBL   Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Blender

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QUESTIONS, Page 2

Action 423854

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 423854
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

**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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 01/23/2025
--	--



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

QUESTIONS, Page 3

Action 423854

**QUESTIONS (continued)**

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:
	5380
	Action Number:
	423854
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

<b>Site Characterization</b>	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl 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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>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.</i>	

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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 423854

**QUESTIONS (continued)**

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:	5380
	Action Number:	423854
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	OWL LANDFILL JAL [fJEG1635837366]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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
<i>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.</i>	

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Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 423854

QUESTIONS (continued)

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:  5380
	Action Number:  423854
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 423854

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:
	5380
	Action Number:
	423854
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	403334
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

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	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.*

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

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
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QUESTIONS, Page 7  
  
Action 423854

QUESTIONS (continued)

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:  5380
	Action Number:  423854
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 423854

**CONDITIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 423854
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	1/28/2025
amaxwell	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.	1/28/2025
amaxwell	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 request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	1/28/2025