



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.

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

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

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

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

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

## LABORATORY ANALYTICAL RESULTS

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

## CLOSURE REQUEST

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

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

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



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

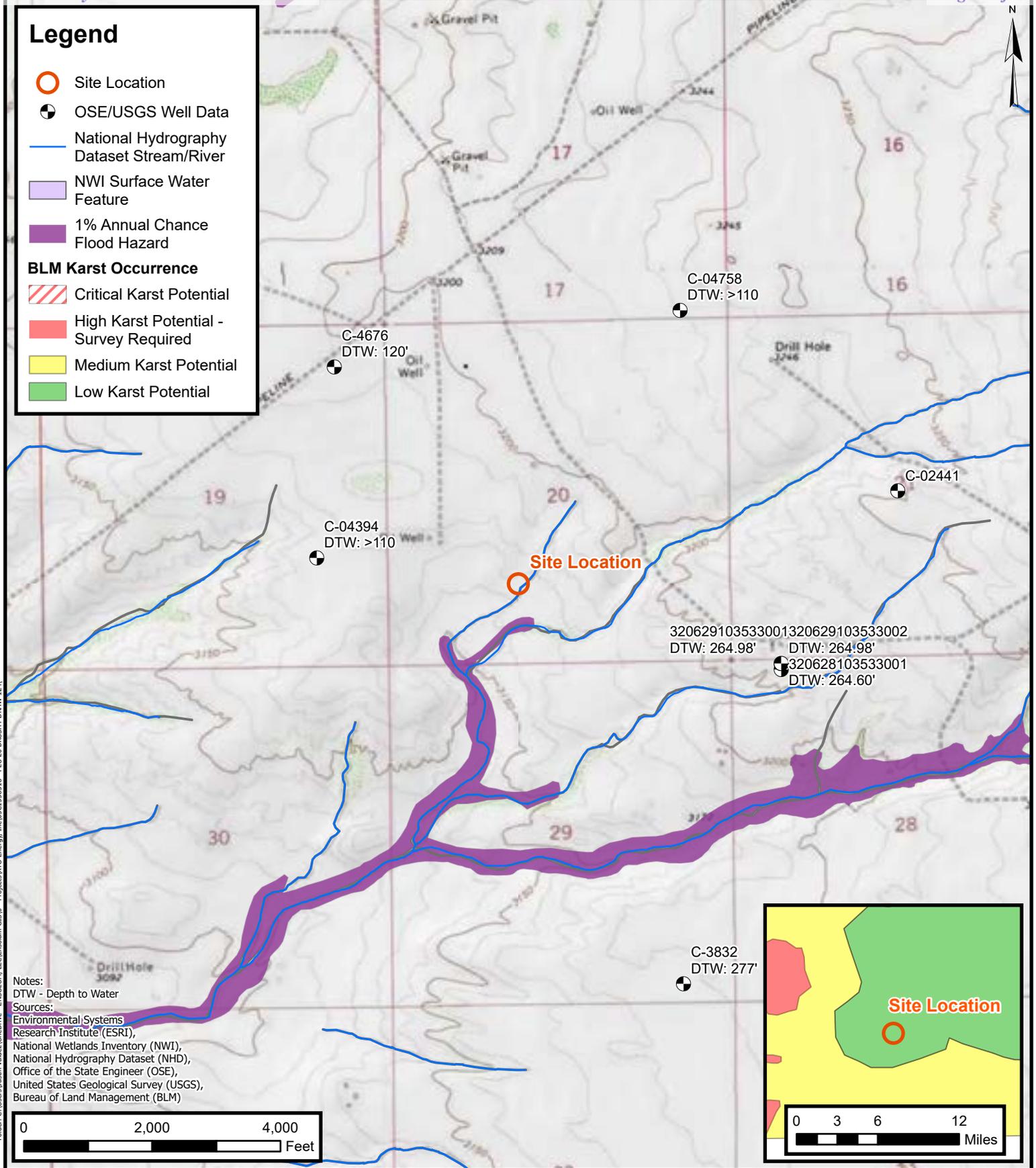
cc: Colton Brown, XTO  
Kaylan Dirkx, XTO  
BLM

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

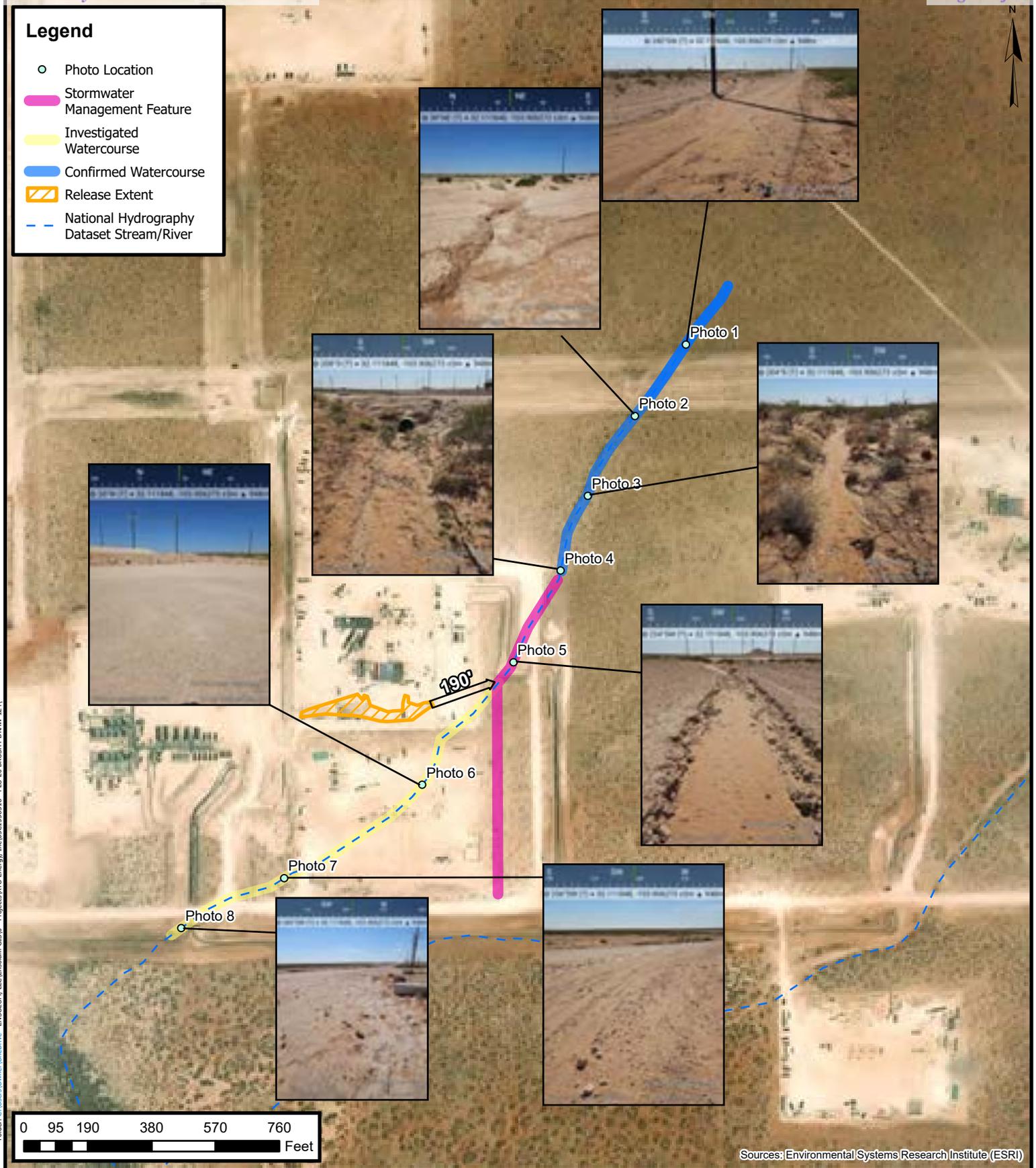


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**Site Receptor Map**  
 XTO Energy, Inc  
 PLU 20 Brushy Draw 124 and PLU 20-8 BD 105H  
 Incident Numbers nAPP2401636864 and nAPP2405057797  
 Unit N, Sec 20, T25S, R30E  
 Eddy County, New Mexico

**FIGURE**  
**1**



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**ENSOLUM**  
Environmental, Engineering and  
Hydrogeologic Consultants

**Watercourse Survey**  
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

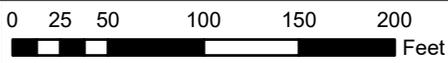
**FIGURE**  
**2**

### 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

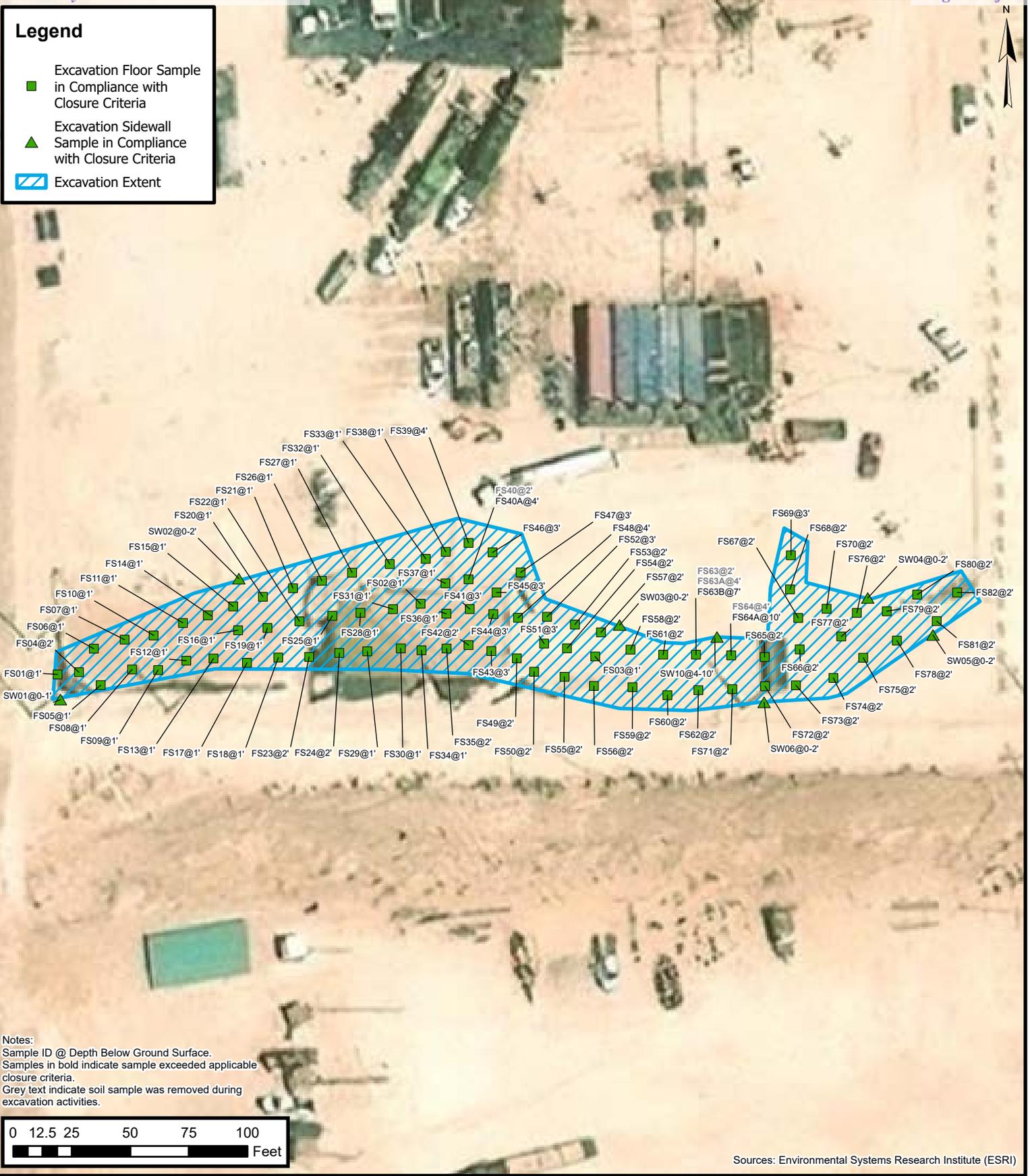
XTO Energy, Inc  
 PLU 20 Brushy Draw 124 and PLU 20-8 BD 105H  
 Incident Numbers: nAPP2401636864 and nAPP2405057797  
 Unit N, Sec 20, T25S, R30E  
 Eddy County, New Mexico

### FIGURE

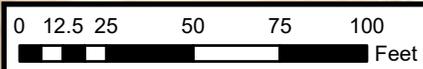
# 3

### Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Excavation Extent



Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable closure criteria.  
 Grey text indicate soil sample was removed during excavation activities.



Sources: Environmental Systems Research Institute (ESRI)

## Excavation Soil Sample Locations

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

### FIGURE

# 4





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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
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
<b>Excavation Soil Samples</b>										
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**  
**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
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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
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 Chemtec 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
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### 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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<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	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

<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulation</b>	There is no data for this product.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

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

## 14. TRANSPORT INFORMATION

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

### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Complies
<b>KECL</b>	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

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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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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: None							
	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 <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	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			





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: ZRP-3790

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: FS  
Method: SONIC

Lat/Long: Field Screening: CHLORIDES, PID  
Hole Diameter: 4 1/8"  
Total Depth: 110'

Comments: No sampling. Lithology remarks only

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
					1			hydroac excavated (refusal @ 1')
D			Z		2			2.5' SAND, dry, well graded, coarse-fine grain, light brwn-tan, no stain, no odor
D			Z		3		SW-S	
D			Z		4			5' few silty sand pockets, reddish brwn, no plas, non cohesive
D			Z		5			
D			Z		6		SP	6' SAND, dry, poorly graded, light brwn-brwn, fine-very fine
D			Z		7			
D			Z		8			
D			Z		9		SW-S	7.5' some mod consol ss light brwn-brwn, sub rounded
D			Z		10			
D			Z		11			10' abundant ss 10-11' color change
D			Z		12		SP	12' ss gravel absent tan-off white
D			Z		13			16' abundant ss gravel 13' back t/ (mod consol) light brwn-brown
D			Z		14			19' abundant - some
D			Z		15			
D			Z		16		SW-S	21.5' sandstone, light, abundant brwn-tan, dry mod well consolidated
D			Z		17			
D			Z		18			23' sandstone chunks absent
D			Z		19			
D			Z		20			
D			Z		21			
D			Z		22			
D			Z		23			
D			Z		24			
D			Z		25			

2.5-4  
9-12



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, PEB~~

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

rig adding water



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: ZRP-3790

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: FS

Method: SONIC

Lat/Long:

Field Screening: CHLORIDES, PID

Hole Diameter: 4" / 6"

Total Depth: 110'

Comments:

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
					51		SP	51.5' trace, high plas clay nodules
			Z		52			
			Z		53			53-54' some silty ss, poorly consolidated
			Z		54			
			Z		55			55.5' color change tan-grey band (30mm)
			Z		56			
			Z		57			59.5' SILTY sand, light brown-brown, moist, no plas, non cohesive, no stain
			Z		58			
			Z		59			
			Z		60		SM	62' more consolidated
			Z		61			
			Z		62			64' dark brown color change, silty clay nodules
			Z		63		SM-S	
			Z		64			66' pockets of silty clay brown-green
			Z		65			
			Z		66			68' low plas clay pockets some, few low plas clay laminations
			Z		67			
			Z		68			
			Z		69			
			Z		70			71' SILTY sand, dry, no plas, non cohesive, light brown-tan
			Z		71			
			Z		72		SM	74' trace caliche pebbles, light grey-grey
			Z		73			
			Z		74			
			Z		75			



**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-3790**

**LITHOLOGIC / SOIL SAMPLING LOG**

Logged By: **FS, BB** Method: **sonic**  
 Hole Diameter: **6 1/4"** Total Depth: **110'**

Lat/Long: Field Screening: **CHLORIDES, PID**

Comments:

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
D			Z		76		SM	76.5' trace low plas clay nodules, reddish brown
D			Z		77			
D			Z		78			82' CLAY, <sup>LOW</sup> moist, brwn-greenish grey, low plasticity, cohesive, no stain, no odor mod consolidated
D			Z		79			
D			Z		80			
D			Z		81			85' SILTY sand, dry, light brwn-brwn, no plas, non cohesive, no stain, no odor
D			Z		82			
D			Z		83		CL-S	
D			Z		84			
D			Z		85			87' color change tan-off white
D			Z		86		SM	
D			Z		87			88' light brwn-brwn
D			Z		88		SM-S	
D			Z		89			87' SILTSTONE, dry, w/clay pockets, low plas
D			Z		90			
D			Z		91			91' abundant clay pockets
D			Z		92			
D			Z		93			94.5' band yellow low plas clay
D			Z		94		SM	
D			Z		95		CH	end @ 95' 2/4/2020
M			Z		96			2/5/20
M			Z		97			95'-101' CLAY, moist, brown-dark brown, high plasticity, cohesive, some tan clay laminations, no stain, no odor.
D			Z		98			
M			Z		99			98'-99' tan fine gran sandstone stringers.
M			Z		100			

 <p><b>LT Environmental, Inc.</b> 508 West Stevens Street Carlsbad, New Mexico 88220</p> <p>Compliance · Engineering · Remediation</p>		Identifier MWF 4394	Date: 2/5/2020					
		Project Name: PLU 423	RP Number: 2RP-3790					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>		Logged By: BP	Method: Sonic					
Lat/Long:		Field Screening: CHLORIDES, PID.	Hole Diameter: 6" / 4"					
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		CH	105'-110' CLAY, moist, dark brown-brown, high plasticity, cohesive, true tan sand laminations, no stain, no odor.
D			N		106			
D			N		107			107'-109' tan-light brown well consolidated fine grain sandstone stringer.
D			N		108			
M			N		109			
					110			
					111		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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					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>					Logged By: JDB		Method: Hand Auger	
Coordinates: 32.111752, -103.905537					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	0	CCHE	(0-2') CALICHE, beige, poorly graded, no odor
D	2,313	0	N	SS03	0.5	1		(@1') some poorly graded sand with silt, trace clay
M	2,850	2	N		1	1		
M	196	2.3	N	SS03B	2	2		
						Total depth @ 2 feet bgs		

					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>					Logged By: JDB		Method: Hand Auger	
Coordinates: 32.111780, -103.905976					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	1		(@1') some poorly graded sand with silt, trace clay
M	4,631	0	N		1	2		(@2') little clay
M	2,475	0	N		2	3		
M	431.2	0	N	SS04C	3	3		
Total depth @ 3 feet bgs								

		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
D	800	0	N	SS14	0.5	0	CCHE	(0-2') CALICHE, beige, poorly graded, no odor
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

---



**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: 19227237  
 COMPANY MAN PHONE: 3000

**MANIFEST #**  
0357932

Part 1 - Generator

COMPANY NAME: XTO - Perm 031558318  
 LEASE: Texas MAP02411136864  
 AFE #: 60-462111001 API: 30-115-9334  
 RIG NAME: 24-2080 WELL #: 12411  
 STATE & COUNTY ORIGIN: TX Dealy

DATE: 09/05/24  
 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 (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]

**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: 12:24 AM / PM   
 TIME OUT: \_\_\_\_\_ AM / PM

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

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

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

Shake Out		
1	2	3
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>

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

COMPANY MAN: David Reed  
(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 B D  
 AFE #: \_\_\_\_\_ API: 30-015-53247  
 RIG NAME: \_\_\_\_\_ WELL #: 124 H  
 STATE & COUNTY ORIGIN: \_\_\_\_\_

DATE: 9/14/21  
 PHONE: 575-550-3789

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 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: SAM TRX MEX 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: Nabor 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): \_\_\_\_\_ DATE: 9/14/21 TIME IN: 1:00 AM / PM  
 Northern Delaware Basin Landfill  
 2029 W. NM Highway 128 | Jal, New Mexico 88252  
 TIME OUT: \_\_\_\_\_ AM / PM

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

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

**NORM TESTING:**  
 Less than 50 MCR

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

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: [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 D. Byrd  
(Authorized Agent, Printed Name and Title)  
 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: 575 542-3789  
 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 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: [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: 3:54 AM/PM   
 TIME OUT: 4:00 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:** [Checkmark]  
(Less than 50 MCL)

**Shake Out:**  

1	2	3

768659

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]



**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: P. J. Boyd  
(Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN (EMAIL): \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
  
**0325374**

Part 1 - Generator

COMPANY NAME: 5700 P. Hill 4751558718  
 LEASE: 100 nAPP2401-36264  
 AFE #: 1216211001 API: 30-015-53 242  
 RIG NAME: PCU 20 80 WELL #: 124 R  
 STATE & COUNTY ORIGIN: TX / DALLAS

DATE: 09 03 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 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 (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: San Tel Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 4221  
 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: [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: 12:00 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 10 MCR)

H <sub>2</sub> O	Shake Out:		
	1	2	3
5			

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**  
 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 #**  
0357826

Part 1 - Generator

COMPANY NAME: VTD- Dallas 0351558318  
 LEASE: Fairfield APP 2401436824  
 AFE #: 02 16621001 API: 30-015-5342  
 RIG NAME: PLU 20 BD WELL #: 124 m  
 STATE & COUNTY ORIGIN: Eddy

DATE: 08/03/24  
 PHONE: \_\_\_\_\_  
 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 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: Service Man YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0287  
 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: Arnell 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: 08/03/24 TIME IN: 5:00 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:**  
P  
(Less than 50 MGD)

H <sub>2</sub> O	Shake Out		
	1	2	3
	<u>N/A</u>		

068427

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**  
 OMA 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: [Signature]  
 COMPANY MAN EMAIL: [Blank]  
 COMPANY MAN PHONE: [Blank]

**MANIFEST #**  
 0325375

Part 1 - Generator

COMPANY NAME: STU - OILFIELD: 036-556318  
 LEASE: See deal - OAP 244143644  
 AFE #: 6-146211001 API: 30-015-53242  
 RIG NAME: PLU 2URD WELL #: 12411  
 STATE & COUNTY ORIGIN: Eddy

DATE: 01/28/24  
 PHONE: [Blank]  
 QUANTITY: [Blank]  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): 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: Sea Tan 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: 1/28/24 TIME IN: 2:37 AM / PM  
 TIME OUT: \_\_\_\_\_ AM / PM

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

NORM TESTING:  
(Less than 10 MCR)

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

Shake Out:		
1	2	3
<u>N/A</u>		
<u>5</u>		

208397

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

**MANIFEST #**  
0357827

Part 1 - Generator

COMPANY NAME: 170 - P-111 0301552318  
 LEASE: Tribal NAPP 2401636724  
 AFE #: 12-146332101 API: 76-415-53242  
 RIG NAME: PLU 20 RD WELL #: 124 H  
 STATE & COUNTY ORIGIN: EDNY

DATE: 09/04/24  
 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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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 Tel 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 Hines 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: 17:27 AM / PM  
 TIME OUT: \_\_\_\_\_ AM / PM  
 WASHOUT BY: \_\_\_\_\_  
 WASHOUT TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PASS	FAIL	N/A
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		
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: \_\_\_\_\_



**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 Bland  
(Authorized Agent's Printed Name and Title)

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

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

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

**MANIFEST #**

0357828

COMPANY NAME: 210-10-31-17C 1557318

DATE: 08/04/24

LEASE: Texas NAPP 240163 & 2164

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

AFE #: 66-14621141 API: 30-015-53242

QUANTITY: \_\_\_\_\_  BBLs  
2  YARDS

RIG NAME: PLV 20 BO WELL #: 12414

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

**Waste Description (check only one box)**

RCRA Exempt

RCRA Non-Exempt

- Water Based Cuttings (DRY)
- Oil Based Cuttings (DRY)
- Oil Base Mud
- Rig Trash
- Other: \_\_\_\_\_

- Water Based Cuttings (WET)
- Oil Based Cuttings (WET)
- Water Base Mud
- Pit Liners

- Contaminated Soil
- Injectable Fluids
- Muds w/Cement

- Produced Sands
- Non-Injectable Fluids
- Tank Bottoms

Authorize Washout?  Yes  No

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

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDRL 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: Van Tex 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 J. ... DRIVER'S SIGNATURE: Adrian J. ...

(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: 8/4/24 TIME IN: 5:10 AM / PM  
TIME OUT: \_\_\_\_\_ AM / PM

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

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

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

Shake Out		
1	2	3

769001

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

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

**MANIFEST #**  
 0349750

Part 1 - Generator

COMPANY NAME: XTO P11 30 PD 1044  
 LEASE: Wentworth Napp 241636564  
 AFE #: Project 03005501 API: 30-01-3242  
 RIG NAME: Rubicon 16/2024 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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Non-injectable Fluids
		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste material 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: Sea Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 73  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 237  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Winkler DISPATCHER PHONE #: 432/206-0851

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: 5:51 AM / PM  
 TIME OUT: \_\_\_\_\_ AM / PM

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

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

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

Shake Out: 265500

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

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

SERVICE NOTES:  
 This is to certify that: Jasper  
(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**  
 O&A Northern Delaware Basin Landfill  
 8201 Preston Rd., Suite 520  
 Dallas, TX 75225  
 214.292.2011  
 ar@ndblandfill.com

COMPANY MAN: Amy 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 RD 1944  
 LEASE: Widener Hallway 240162 6264  
 AFE #: Project 0000000000 API: 70-015-22442  
 RIG NAME: Widener Hallway 240162 WELL #: 00101621100  
 STATE & COUNTY ORIGIN: Lea NM

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

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1998 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: Amy Rich Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SEM Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 23  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 202  
 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: Buckley 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

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  
(Authorizing 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 P 04  
 AFE #: 20-015-53249 API: 20-015-53249  
 RIG NAME: Rehman 16/2004 WELL #: CC16621101  
 STATE & COUNTY ORIGIN: La 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 lead 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 261.21-261.34, 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 Amy Ruth Date \_\_\_\_\_ Signature \_\_\_\_\_

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SWIFT TRUCK INC YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 23  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 227  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Nix DISPATCHER PHONE #: 409200 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:	PAINT FILTER:	PASS	FAIL	N/A
	TCLP:	PASS	FAIL	N/A
	TOX:	PASS	FAIL	N/A

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

H <sub>2</sub> O	Shake Out		
	1	2	3

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 #**  
 0343405

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU 20 B0124H  
 AFE # Project: 03C155831R API: 30-016-53242  
 RIG NAME: Release: 1-6-2024 WELL # CC1666911001  
 STATE & COUNTY ORIGIN: Incident on APP 2401636864

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: 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 #: 0204  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Velez DISPATCHER PHONE #: 432-209-0551

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: Carly Reimer DRIVER'S SIGNATURE: Carly 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: 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)

H <sub>2</sub> O	Shake Out		
	1	2	3
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  
(Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
 0343404

Part 1 - Generator

COMPANY NAME: X70  
 LEASE: PLU20RD124H  
 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 (NDW). 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

Part 2 - Transporter

COMPANY NAME: Santa X Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 2504  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy 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: Conny Reimer DRIVER'S SIGNATURE: Conny Reimer

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

Part 3 - Disposal Facility

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:		
	1	2	3

265/66

Galton Test: \_\_\_\_\_

SERVICE NOTES:  
 This is to certify that: Jayleen  
(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: Amy Duth  
(Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
 0342403

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU 20 RD 1244  
 AFE Project: 041558318 API: 30-015-53242  
 RIG NAME: Release: 1-6-2024 WELL # KS-1666211001  
 STATE & COUNTY ORIGIN: Incident: APP 2401636864

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

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

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: Sentry Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 59  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Vieker DISPATCHER PHONE #: 432-204-0951

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: 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	1	2	3
S			

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 Rutb  
(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 1244  
 AFE # 03C1559318 API: 30-015-53292  
 RIG NAME: Release: 1-6-2024 WELL #: 5C1666211001  
 STATE & COUNTY ORIGIN: Incident in APP 2401636864

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 (DIY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DIY)	<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: [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: 8/30/24 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

H <sub>2</sub> O	Shake Out:		
	1	2	3

265707

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

SERVICE NOTES: Kurdon  
 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

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

COMPANY NAME: XTO

DATE: 8-20-24

LEASE: PLU 20 BD 124 H

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

API Project: 03C1558318 API: 30-015-53242

QUANTITY: \_\_\_\_\_  BBLs  
20  YARDS

RIG NAME: Release: 1-6-2024 WELL # C-1666911001

STATE & COUNTY ORIGIN: Incident: APP2401636864

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 \_\_\_\_\_

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

COMPANY NAME: Sentex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 37  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0509  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Wierl 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: [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: 3:51 AM / PM- AM / PM  
 TIME OUT: \_\_\_\_\_ AM / PM  
 WASHOUT BY: \_\_\_\_\_  
 WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

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

NORM TESTING:

(Less than 50 MCL)

H <sub>2</sub> O	Shake Out:		
	1	2	3

265683

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

SERVICE NOTES: This is to certify that: [Signature]  
(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: \_\_\_\_\_

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

**MANIFEST #**  
0343406

**Part 1 - Generator**

COMPANY NAME: XTO  
 LEASE: PL000BD124H  
 AFE Project: P301568315 API: 30-015-93242  
 RIG NAME: Release: 1-6-2024 WELL #: 50-1666211001  
 STATE & COUNTY ORIGIN: Acadent in APP 2401636864

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 (NDWL). 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: 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: 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: 8/20/24 TIME IN: 1:37 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

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

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

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

H <sub>2</sub> O	Shake Out		
	1	2	3
5			

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

**MANIFEST #**  
 0307854

COMPANY NAME: XTO  
 LEASE: LUU20 BD134 H  
 APE #: Project 03015583 / 30-015-5324 API: \_\_\_\_\_  
 RIG NAME: PP 2401636864 WELL #: \_\_\_\_\_  
 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 \_\_\_\_\_

**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 #: 817-2080851

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: David Wall  
(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  
 3029 W. NM Highway 128 | Jal, New Mexico 88252

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

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
	✓		

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

SERVICE NOTES:  
 This is to certify that: \_\_\_\_\_  
 EMPLOYEE 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.

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: Andy Keith  
(Authorized Agent/Printed Name and Title)  
 SIGNATURE: [Signature]  
 COMPANY MAN EMAIL: AK@owl.com  
 COMPANY MAN PHONE: 214-292-2011

**MANIFEST #**  
 0307853

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU20 BD 124 H  
 AFE #: Project 03015 SR318 AFE: 30-015-53242  
 RIG NAME: APP 2401 L 32864 WELL #: Perms 14, 18034  
 STATE & COUNTY ORIGIN: OK 16 66 211001

DATE: 3-19-24  
 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 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 261.21-261.34, 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: David Wall  
(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 MGB

H<sub>2</sub>O S

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

265/26

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

SERVICE NOTES:  
 This is to certify that: [Signature]  
 EMPLOYEE SIGNATURE: \_\_\_\_\_  
Employee (Print 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.



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

**MANIFEST #**  
0307855

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU 20 BD 124 H  
 APE #: 40301552818 APL: 50-015-52242  
 RIG NAME: Enpp 2401636864 WELL #: 84046/2024  
 STATE & COUNTY ORIGIN: CC: 1666 211001

DATE: 8/17/24  
 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 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 261.21-261.34, 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-DILFIELD: 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: Seni Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 50  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Wicler DISPATCHER PHONE #: 132-309085

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 8/19/24 DRIVER'S SIGNATURE: David Wall  
 (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: 8/17/24 TIME IN: 6:03 AM / PM  
 TIME OUT: \_\_\_\_\_ AM / PM

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

H <sub>2</sub> O	Shake Out		
	1	2	3
	<u>1/1/1</u>		

265302

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**  
 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 #**  
**0345580**

Part 1 - Generator

COMPANY NAME: X70  
 LEASE: PLU 203D 124 H  
 AFE # Project: 036/558318 API: 70-015-53242  
 RIG NAME: CC1666211001 WELL # Repase: 1-6  
 STATE & COUNTY ORIGIN: Incident napp 70163684

DATE: 8-20-24  
 PHONE: \_\_\_\_\_  
 QUANTITY: \_\_\_\_\_  BBLs  
30  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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDRL 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: STM YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 54  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: Q305  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy H. ... 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: 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

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: 6:18 AM / PM   
 TIME OUT: \_\_\_\_\_ AM / PM

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

ACCEPTANCE TESTING:	PASS	FAIL	N/A
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: 265708

Shake Out:		
1	2	3

Callon 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 Agency/Person Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0345579**

Part 1 - Generator

COMPANY NAME: XTO DATE: 8-20-24  
 LEASE: PLU 203D 124 H PHONE: \_\_\_\_\_  
 AFE #: Project: 0301558318 APL: 30-015-53240  
 RIG NAME: CC-1666211001 WELL #: Release: 1-6-24  
 STATE & COUNTY ORIGIN: Incident: NAPP 24101636869

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 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 \_\_\_\_\_

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 #: 0305  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Wiele DISPATCHER PHONE #: 409 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

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: 7:54 AM/PM   
 TIME OUT: \_\_\_\_\_ AM/PM

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

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

NRDM TESTING: 0  
(Less than 50 MCR)

H <sub>2</sub> O	Shake Out:		
	1	2	3

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

SERVICE NOTES:  
 This is to certify that: \_\_\_\_\_ Employee (Printed Name)  
 EMPLOYEE SIGNATURE: Man 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  
 8201 Preston Rd., Suite 520  
 Dallas, TX 75225  
 214.292.2011  
 ar@ndblandfill.com

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

**MANIFEST #**  
**0345578**

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU 20PD 124H  
 AFE # Project: 0301558-18 APL: 30-01553349  
 RIG NAME: CC: 1666-11001 WELL # Reloc 250-16-2  
 STATE & COUNTY ORIGIN: Incident, APP: 401636564

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 (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: STM YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 54  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 2575  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Wilk DISPATCHER PHONE #: 409-111-8831

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**

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

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

**NORM TESTING:**  
  
 Less than 50 MCR

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

Shake Out:		
1	2	3
H <sub>2</sub> O		
5		

265661

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]



**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 #**  
  
 0368349

Part 1 - Generator

COMPANY NAME: X70  
 LEASE: PLUDD1BD1244  
 AFE #: 2-0301558318 API: 30-115-5324  
 RIG NAME: SC-1666211001 WELL #: \_\_\_\_\_  
 STATE & COUNTY ORIGIN: Incident: APP14D1636264

DATE: 11-13-24  
 PHONE: \_\_\_\_\_  
 QUANTITY: \_\_\_\_\_  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 type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Non-Injectable Fluids
		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No

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

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: ScoutX Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 34  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 330  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Valdez DISPATCHER PHONE #: 941-209-0851

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: Coony Reimer DRIVER'S SIGNATURE: Coony 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: 3:46 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: 284054

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

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**  
 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: \_\_\_\_\_  
 AFE # Project: 03E1358218 API: 30-015-52142  
 RIG NAME: CC:166611001 WELL #: \_\_\_\_\_  
 STATE & COUNTY ORIGIN: Incident WAPP2401636864

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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____		

Authorize Washout?  Yes  No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load 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: Country Transporter YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
 ADDRESS: South Texas Mex TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0300  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Miller DISPATCHER PHONE #: 214-209-5500

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   
 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: 284087  
(Less than 50 MCR)

Shake Out:		
1	2	3

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

SERVICE NOTES:  
 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: [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: Dustin Byrd  
 (Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
0357402

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU 20 RD 127 H  
 AFE #: 1251558318 API: 30-016-93242  
 RIG NAME: 2401636824 WELL #: 666211001  
 STATE & COUNTY ORIGIN: \_\_\_\_\_

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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

RCRA EXEMPT: Offfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDRL 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: Wilby Wicker Date: \_\_\_\_\_ Signature: 452 209 0851

Part 2 - Transporter

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 Thieson DRIVER'S SIGNATURE: Peter Thieson  
 (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: 4:15 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 30 MCR)

H <sub>2</sub> O	Shake Out:		
	1	2	3
5			

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  
 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: 30-015-53942  
 RIG NAME: \_\_\_\_\_ WELL #: 12411  
 STATE & COUNTY ORIGIN: lca

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 characteristic(s) 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: SEMTEX MEX YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 2  
 ADDRESS: \_\_\_\_\_ TICKET #: 11 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: Nikolay Rodin DRIVER'S SIGNATURE: Nikolay Rodin  
 (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  AM  PM  
 TIME OUT: \_\_\_\_\_ AM/PM

ACCEPTANCE TESTING:	PAINT FILTER	PASS	FAIL	N/A	NORM TESTING: <input checked="" type="checkbox"/> Less than 50 MGD	H <sub>2</sub> O	Shake Out:	789044	Gallon Test: _____			
	TCLP:	PASS	FAIL	N/A						1	2	3
	TOX:	PASS	FAIL	N/A								

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: Sean B.



**OWL Landfill Services, LLC**  
 DBA: Northern Delaware Basin Landfill  
 3809 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: 30-015-53240  
 RIG NAME: \_\_\_\_\_ WELL #: 12411  
 STATE & COUNTY ORIGIN: Lea

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

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

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: 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: 1:30 AM (PM)  
 TIME OUT: \_\_\_\_\_ AM (PM)

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

NORM TESTING: Less than 50 MGB

Shake Out: 2841007

H <sub>2</sub> O			
S			

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

SERVICE NOTES: This is to certify that: ayden  
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: Russ Kuykendall  
 (Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
 0363531

Part 1 - Generator

COMPANY NAME: XTR  
 LEASE: PIU 20 BD 124 H  
 AFE #: \_\_\_\_\_ API: 30-015-53210  
 RIG NAME: \_\_\_\_\_ WELL #: 124 H  
 STATE & COUNTY ORIGIN: LA

DATE: 11-13-24  
 PHONE: \_\_\_\_\_  
 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 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 (NDRL 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: 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: [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: 5:29 AM/PM   
 TIME OUT: \_\_\_\_\_ AM/PM

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)

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

Shake Out:		
1	2	3
H <sub>2</sub> O		
S		

284083

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]



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

**MANIFEST #**  
 0372670

COMPANY NAME: ATD  
 LEASE: PLD 20 8D 124H  
 AFE #: Reg 2024988313 API: 30-015-53242  
 RIG NAME: ATP 240163641 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 \_\_\_\_\_

Part 1 - Generator

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

COMPANY NAME: SeaTee 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: Carmelo B... 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 2 - Transporter

**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: 12:10 AM / PM  
 TIME OUT: \_\_\_\_\_ AM / PM

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

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

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

H <sub>2</sub> O S	Shake Out:		
	1	2	3

284005

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

SERVICE NOTES:  
 This is to certify that: Kyden  
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: David Reed  
(Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
 0372671

Part 1 - Generator

COMPANY NAME: XTO DATE: 11-17-24  
 LEASE: PLU 7080 124H PHONE: \_\_\_\_\_  
 AFE #: 4032558318 API: 30-015-33242  
 RIG NAME: 440740118364 WELL #: 561666211001  
 STATE & COUNTY ORIGIN: \_\_\_\_\_

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: SonTex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 02  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 317  
 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 Rompel 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: 3:31 AM / PM   
 TIME OUT: \_\_\_\_\_ AM / PM

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

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

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

Shake Out:		
1	2	3
H <sub>2</sub> O		
S		

284043

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

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

**MANIFEST #**  
 0372672

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: 120 30 BD 1244  
 AFE #: Pg 403059318 APL: 30-015-53242  
 RIG NAME: 41PP2401076844 WELL #: CC166211001

DATE: 11-13-24  
 PHONE: \_\_\_\_\_  
 QUANTITY: 30  BBLs  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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Non-Injectable Fluids
		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: Senlex 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)

H <sub>2</sub> O	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**  
 O&A Northern Delaware Basin Landfill  
 8201 Preston Rd., Suite 520  
 Dallas, TX 75225  
 214.292.2011  
 ar@ndblandfil.com

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

**MANIFEST #**  
 0350493

Part 1 - Generator

COMPANY NAME: XTO 0361552318  
 LEASE: PHU 20 BD 124H  
 AFE #: APP2400163664 API: 30-01563212  
 RIG NAME: 1666211001 WELL #: 124H  
 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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other _____		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: Scop Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 57  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0287  
 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: Wilbert Harath 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: 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
268380		
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: David Burch  
(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 #: NW 210110364 API: 30-015-53212  
 RIG NAME: 166621001 WELL #: 124 H  
 STATE & COUNTY ORIGIN: NC/DA

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 (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: Sun Tex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 51  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 1237  
 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: Libert Harper 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: 2:15 AM /  PM  
 TIME OUT: \_\_\_\_\_ AM / PM

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

**NORM TESTING:**  
(Less than 10 MCR)

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

H <sub>2</sub> O	Shake Out:			268398
	1	2	3	
	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 Beal  
 (Authorized Agent's Printed Name and Title)  
 SIGNATURE: \_\_\_\_\_  
 COMPANY MAN EMAIL: \_\_\_\_\_  
 COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
 0350495

Part 1 - Generator

COMPANY NAME: XTO O&G 1532318  
 LEASE: PLU 20 BD 124 H  
 AFE #: 199210163486 API: 30-015-53242  
 RIG NAME: 111621001 WELL #: 121 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 O&G YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 59  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237  
 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: Gilbert Wood 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

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

**NORM TESTING:**  
 Less than 50 MGD

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

Shake Out:		
1	2	3
H <sub>2</sub> O		
5		

268428

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.



**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: Mark Brad  
(Authorized Agent's Printed Name and Title)

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

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

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

**MANIFEST #**

**0350496**

COMPANY NAME: ATD 03C1558715

DATE: \_\_\_\_\_

LEASE: PLU 20 BD 12/11

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

AFE #: NAF 240143664 API: 30-05-53242

QUANTITY: 20  BBLs

RIG NAME: 144424001 WELL #: 12411

YARDS

STATE & COUNTY ORIGIN: Loddy

**Part 1 - Generator**

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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste 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: SUN TEX MOB YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 54

ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237

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: Lucretia Howard DRIVER'S SIGNATURE: \_\_\_\_\_

**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: 9/11/24 TIME IN: 10:58 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)

H <sub>2</sub> O	Shake Out:		
	1	2	3

Gallon Text: 268614

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.



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

**MANIFEST #**  
 0350497

Part 1 - Generator

COMPANY NAME: X TO D361558318  
 LEASE: PLU 20 BU 134 H  
 AFE #: 2100143484 API: 30-08-53-42  
 RIG NAME: 166621001 WELL #: 124 H  
 STATE & COUNTY ORIGIN: ECldy

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

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

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oilfield waste which is non-hazardous 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: SEM TEX P&E YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 7  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0237  
 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: Wilbert 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: 9-5-24 TIME IN: 12:50 AM/PM  
 TIME OUT: \_\_\_\_\_ AM/PM  
 WASHOUT BY: \_\_\_\_\_  
 WASHOUT: TIME IN: \_\_\_\_\_ TIME OUT: \_\_\_\_\_

ACCEPTANCE TESTING:	PAIN T 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

268831

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

SERVICE NOTES:  
 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: David Byrd  
(Authorized Agent - 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-1666311001 WELL #: \_\_\_\_\_  
 STATE & COUNTY ORIGIN: Incident: NAPP2401636864

DATE: \_\_\_\_\_  
 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 261.21-261.24, 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: Cory 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)

Shake Out:		
1	2	3
H <sub>2</sub> O		

248534

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 of a permitted site.  
 EMPLOYEE SIGNATURE: [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 Byrd  
Authorized Agent's Printed Name and Title  
SIGNATURE: \_\_\_\_\_  
COMPANY MAN EMAIL: \_\_\_\_\_  
COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #**  
**0343416**

COMPANY NAME: X70  
LEASE: PLU30BD124H  
AFE Project: 03CL558318 API: 30-015-53292  
RIG NAME: WELL EC-1666211001  
STATE & COUNTY ORIGIN: Incident in APP 2901636864

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

**Part 1 - Generator**

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 Solids
<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: SenTex Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304  
DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
DISPATCHER NAME: Willy Wiertel 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

ACCEPTANCE TESTING:	PAINT FILTER:	PASS	FAIL	N/A	<input checked="" type="checkbox"/> NORM TESTING
	TCLP:	PASS	FAIL	N/A	
	TOX:	PASS	FAIL	N/A	

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

H <sub>2</sub> O	Shake Out:			268137
	1	2	3	

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

I have 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**  
 O&A 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

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU20 RD 124 H  
 AFE Project: 03C1568318 APE: 30-015-53249  
 RIG NAME: \_\_\_\_\_ WELL # CS-1666711001  
 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 (NOEL, 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 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: [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: 4:15 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 MGD

H <sub>2</sub> O	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**

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**

COMPANY NAME: X+O

DATE: 9-3-24

LEASE: PLU 20 BD 134 H

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

APE Project: 03C155838 APE: 30-015-63243

QUANTITY: \_\_\_\_\_  BBLs  
20  YARDS

RIG NAME: WELLS: 1666211001

STATE & COUNTY ORIGIN: Incident in APP 24016364

**Part 1 - Generator**

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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDL 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: Sentry Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0309  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Wilson DISPATCHER PHONE #: 432-209-0551

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: 2:11 AM/PM  
TIME OUT: \_\_\_\_\_ AM/PM

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

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

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

**NORM TESTING:**

Shake Out:		
1	2	3

268393

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.

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 Breed  
(Authorized Agent's Printed Name and Title)

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

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

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

MANIFEST #

0343413

COMPANY NAME: XTO

DATE: 9-3-24

LEASE: PLU 20 BD 184H

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

AFE Project-03C1558318 API: 30-015-53242

QUANTITY: \_\_\_\_\_  BBLs  
20  YARDS

RIG NAME: \_\_\_\_\_ WELL # EC-1666911001

STATE & COUNTY ORIGIN: incident: APP2401636864

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 (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 \_\_\_\_\_

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

COMPANY NAME: Serb 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: [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: 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 50 MCR)

Shake Out:		
1	2	3
H <sub>2</sub> O		
5		

268371

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 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

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



**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 #**  
 0357376

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU 90 BD 194 H  
 AFE # Project: 03C1558378 API: 30-015-53249  
 RIG NAME: CC-166211001 WELL #: \_\_\_\_\_  
 STATE & COUNTY ORIGIN: Incident: NAPP9401636364

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 RCRA 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: Sonotek Mex YARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 10  
 ADDRESS: \_\_\_\_\_ TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: \_\_\_\_\_  
 DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_  AM  PM  
 DISPATCHER NAME: Willy Wierich DISPATCHER PHONE #: 459-309-0837

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 Shuer  
 (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: 4:09 AM

ACCEPTANCE TESTING:

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

**NORM TESTING:**  
 Less than 50 MCR

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

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

**MANIFEST #**  
  
 0351727

Part 1 - Generator

COMPANY NAME: XTO  
 LEASE: PLU TO BD  
 AFE #: \_\_\_\_\_ API: 30-015-532112  
 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 Wheeler 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 Reinert 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)  
 \_\_\_\_\_ 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: 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 API: 30-015-53242  
 RIG NAME: \_\_\_\_\_ WELL #: CC1666211001  
 STATE & COUNTY ORIGIN: NM ADP2401636864

DATE: 95518+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"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDEB). 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 Willet 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:**  (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)  
 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  
 3889 Maple Ave. Suite 300  
 Dallas, TX 75219  
 505.231.1212  
 ar@ndblandfill.com

COMPANY MAN: [Signature]  
 (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 70 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 Wierler 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

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   
 TIME OUT: 4:14 AM  PM

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

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

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

H <sub>2</sub> O	Shake Out:		
	1	2	3

268663

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

Part 3 - Disposal Facility



**OWL Landfill Services, LLC**  
 O&A 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 #**  
  
 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 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 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 (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: SemTEX 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 Cruz 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: 9/4/24 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	NORM TESTING:  Less than 50 MCR
	TCLP:	PASS	FAIL	N/A	
	TOX:	PASS	FAIL	N/A	

Shake Out:

	1	2	3
H <sub>2</sub> O			
\$			

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

SEERVICE 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: \_\_\_\_\_

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".

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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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

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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:	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, SM4500CI-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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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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2126 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Project Manager: <b>Tracy M. Howard</b> Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 401-454-3009 Fax #: _____ Project #: 521558318 Project Owner: <b>XTO</b> Project Name: <b>PLU 20 Brady Drive 124 H &amp; 105 H</b> Project Location: <b>32.1170, -103.30534</b> Sampler Name: <b>Wally Perez</b>		P.O. #: Company: <b>XTO Energy</b> Attn: <b>Colton Brown</b> Address: <b>314 E. Green St.</b> City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b> Phone #: _____ Fax #: _____	
Company Name: <b>Ensochem, LLC</b>		<b>BILL TO</b>	
Project Name: <b>PLU 20 Brady Drive 124 H &amp; 105 H</b> Project Location: <b>32.1170, -103.30534</b> Sampler Name: <b>Wally Perez</b>		<b>ANALYSIS REQUEST</b>	
Lab I.D. <b>Head 7119</b>	Sample I.D. <b>1 FS63B 2 FS64A 3 SW10</b>	Depth (feet) <b>7 10 4-10</b>	(G/RAB OR (C)OMP) <b>C C C</b> CONTAINERS <b>1 1 1</b> GROUNDWATER <b>X</b> WASTEWATER <b>X</b> SOIL <b>X</b> OIL <b>X</b> SLUDGE <b>X</b> OTHER: <b>X</b> ACID/BASE <b>X</b> ICE / COOL <b>X</b> OTHER: <b>X</b>
DATE: <b>11/17/10</b> TIME: <b>1150</b> DATE: <b>11/20/10</b> TIME: <b>1240</b> DATE: <b>11/15</b> TIME: <b>1315</b>		TPH 8015 <b>X</b> BTEX 8021 <b>X</b> Chloride 4500 <b>X</b>	
Delivered By: (Circle One) _____ Sampler: UPS - Bus - Other: _____ Over Temp: _____ °C <b>8.9</b> Container Temp: _____ °C <b>23</b>		Sample Conditions: _____ Checked By: _____ Received By: _____ Date: _____ Time: _____	
Requisitioned By: <b>Wally Perez</b> Received By: <b>Colton Brown</b> Date: <b>11-21-10</b> Time: <b>1330</b>		Vertical Profile: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide email address: _____ REMARKS: <b>Incluent No. APP 24061484 &amp; APP 24061484</b> <b>101 East Marland &amp; 101 East 1001</b> Turnaround Time: _____ Standard _____ Turnaround ID: _____ <b>14 hr</b> Connected To: _____ <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Connected Temp: _____ °C	

† Cardinal cannot accept verbal changes. Please email changes to cody.kearse@cardinallab.com



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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".

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

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

BTEX 8021B		mg/kg		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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\*=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:	06/20/2024	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

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

BTEX 8021B		mg/kg		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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>17.9</b>	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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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



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

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

BTEX 8021B		mg/kg		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) 110 % 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	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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\*=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	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	06/18/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11175,-103.90606		

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

BTEX 8021B		mg/kg		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, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>384</b>	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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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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, 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	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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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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, 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	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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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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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**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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 (575) 393-2336 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Page 2 of 2

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Emschem, LLC  
 Project Manager: Tracy Hillard  
 Address: 3122 National Parks Hwy  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: 5753732906 Fax #: Project Owner: XTO  
 Project #: 03C1928318  
 Project Name: FLU 20 Brandy Drive 194H  
 Project Location: 32.11175, -103.80606  
 Sampler Name: Joshua Beasley  
 P.O. #: Company: XTO Energy Inc.  
 Attn: Amy Ruth  
 Address: 3194 E Green St  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	GSRAB OR (COMP)	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS
					GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER			
N243438	SS 14	0.5	Q	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1/23/25	12:05	<input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> TPH <input checked="" type="checkbox"/> Chlorides

Requisitioned By: [Signature]  
 Date: 1/23/24  
 Time: 1:54  
 Received By: [Signature]  
 Date: 1/23/25  
 Time: 12:05  
 Turnaround Time: Standard (1-3 business days)  
 Expedited (2-3 business days)  
 Rush (24 hours)  
 System (only) Sample Condition: Cool, Sealed, Observed Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to caley.kenny@cardinalnm.com



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July 19, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

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

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/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.

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

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

BTEX 8021B		mg/kg		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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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



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

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

BTEX 8021B		mg/kg		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, SM4500CI-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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	07/11/2024
Reported:	07/19/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.11175,-103.90606		

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

BTEX 8021B		mg/kg		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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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

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\*=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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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".

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

**Sample ID: FS 02 1 (H245048-01)**

BTEX 8021B		mg/kg		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



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

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



101 East Maryland, Hobbs, NM 88240  
 (575) 993-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Enersun, LLC		P.O. #:		Company: XTO Energy Inc	
Project Manager: Tracy Hillard		Address: 3122 National Parks Hwy		Area: Army Ruth	
City: Carlsbad		State: NM Zip: 88220		Address: 3104 E Green St	
Phone #: 337 257-8307		Fax #:		City: Carlsbad	
Project #: 03C1558434		Project Owner: XTO		State: NM Zip: 88220	
Project Name: PLU 20 Brushy Draw 124H		Phone #:		Fax #:	
Project Location:		Sampler Name: Connor Weisman		Matrix:	
Lab I.D. K45048		Sample I.D. P302		Sample Depth (feet)	
Sample Depth (feet)		CORR OR (COMP)		# CONTAINERS	
GROUNDWATER		WASTEWATER		SLUDGE	
OTHER :		ACIDBASE:		ICE / COOL	
OTHER :		DATE		TIME	
BTEX		TPH		CHLORIDE	
CL					

Relinquished By: *DJK*  
 Received By: *Seedragonfly*  
 Date: 1/23/25  
 Time: 10:32

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other  
 Checked By: *STP*  
 Sample Condition: Cool, Wet, Dry, Frozen, Other  
 Observed Temp: 40.32  
 Comments: 0.82



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.

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

**Sample ID: FS 01 1 (H245049-01)**

BTEX 8021B		mg/kg		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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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	Sampling Date:	08/16/2024
Reported:	08/22/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H	Sampling Condition:	Cool & Intact
Project Number:	03C1558434	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11175,-103.90606		

**Sample ID: FS 03 2 (H245049-02)**

BTEX 8021B		mg/kg		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, SM4500CI-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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

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,

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

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

BTEX 8021B		mg/kg		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 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	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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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



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

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

BTEX 8021B		mg/kg		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, 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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\*=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:	08/27/2024	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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

Cardinal Laboratories

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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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\*=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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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



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

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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) 108 % 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 92.1 % 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	Sampling Date:	08/21/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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

Cardinal Laboratories

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

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

BTEX 8021B		mg/kg		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, 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	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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\*=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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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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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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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



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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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



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**Analytical Results For:**

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

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

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

BTEX 8021B		mg/kg		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) 98.5 % 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	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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	08/26/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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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*Celey D. Keene*

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> Ensign, 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> 575-937-3906 <b>Fax #:</b> _____ <b>Project #:</b> 00C1598318 & 00C1598482 <b>Project Owner:</b> XTO <b>Project Name:</b> PLU 20 Brushy Draw 124H & 105H <b>Project Location:</b> 32 11170, -103 90334 <b>Sample Name:</b> Jesse Dorman		<b>BILL TO</b> <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> HANERA 1 2 3 4 5 6 7 8 9 10		<b>Sample I.D.</b> ES04 ES08 ES06 ES07 ES08 ES09 ES10 ES11 ES12 ES13	
<b>Sample Depth (feet)</b> [Hand-drawn depth lines for each sample]		<b>MATERIAL</b> GROUNDWATER WASTEWATER SOIL SLUDGE OTHER	
<b>PREPARED</b> ACID/BASE ICE / COOL OTHER		<b>SAMPLING</b> DATE TIME	
[Hand-drawn arrows indicating material flow]		[Hand-drawn arrows indicating material flow]	
<b>ANALYSIS REQUEST</b> BTEX TPH CHLORIDE		[Empty analysis request columns]	

Relinquished By: [Signature]  
 Date: 8/27/24  
 Time: 1347

Received By: [Signature]  
 Date: 8/27/24  
 Time: 1347

Vertical Profile:  Yes  No **ASST Phone #:** \_\_\_\_\_  
 All Results are sealed. Please provide Email address: \_\_\_\_\_  
 TRAINER@ensign.com TRAINER@ensign.com  
**REMARKS:** Cont Center 220441901 & 166011601  
 Incent ID: 443948100004 & 4439480007757

Delivered By: (Circle One)  UPS  Bus  Other  
 Delivered Temp: 18°C  
 Sample Condition: Cool liquid  
 Checked By: [Signature]  
 Standard Weigh:  Yes  No  
 Balance (only) Sample Condition: [ ] Observed Temp: \_\_\_\_\_  
 Corrected Temp: \_\_\_\_\_

↑ Cardinal cannot accept verbal changes. Please email changes to cathy.beaman@cardinallabs.com





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Enboden, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575-937-3906

Project #: 03C1558318 & 03C1558482 Project Owner: XTO

Project Name: PLU 20 Brushy Draw 124H & 105H

Project Location: 32.11170, -103.90534

Sampler Name: Jesus Dorman

P.O. #: Company: XTO Energy Inc.  
 Attn: Amy Ruth  
 Address: 3104 E. Green St.  
 City: Carlsbad  
 State: NM Zip: 88220

Phone #: Fax #:

**BILL TO**

**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	Sample Depth (feet)	CYRAB OR C/COMP	CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER	ACIDBASE					
17	ES20	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
18	ES41	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
19	ES22	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
20	ES26	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
21	ES27	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
22	ES29	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
23	ES30	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
24	ES71	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
25	ES32	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
26	ES33	1'	1	1	1	1	1	1	1	1	1	1	1	1	1
27	ES34	1'	1	1	1	1	1	1	1	1	1	1	1	1	1

Vertical Depth: 0 Yrs. 0 Mo. 0001 Phone #: All Results are emailed. Please provide Email address: THeiland@enboden.com. THeiland@enboden.com. THeiland@enboden.com. Incident ID: 14479201500004 & 14479240000787

Submitted By: (Cardi One) Date: 1/23/25 Received By: Spade, J. Date: 1/23/25

Checked By: (Initials) Date: 1/23/25

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 (505) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> Enrock, 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> 575-937-3906 <b>Fax #:</b> <b>Project #:</b> 03C1594318 & 03C1668482 <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> Jessei Dorman		<b>BILL TO</b> <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>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b> HATS192 27 28 29	<b>Sample I.D.</b> FS 34 FS 37 FS 38	<b>Sample Depth (feet)</b> 1' 1' 1'	<b>WATER</b> GROUNDWATER WASTEWATER SOIL SLUDGE OTHER	<b>PREPARE</b> ACIDBASE SOIL / COOL OTHER	<b>SAMPLING</b> DATE TIME 1/20/25 13:55
Vertical Results: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>ASST Phone #:</b> All Results are emailed. Please provide Email address: tracy@enrock.com; thdorman@enrock.com Results: Coal Center 2204947001 & 1660211001 Incident ID: 145P-240-162884 & 145P-240-055779			BTEX TPH CHLORIDE		
<b>Requested By:</b> [Signature]		<b>Received By:</b> [Signature]		<b>Checked By:</b> [Signature]	
<b>Delivered By:</b> (Circle One) Driver - Bus - Other		<b>Temperature:</b> 18.2°C <b>Sampler Condition:</b> Cool (Initial No) (Final No)		<b>Sampler Condition:</b> OK (Initial No) (Final No)	



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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".

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)**

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

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

BTEX 8021B		mg/kg		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, 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	09/13/2024	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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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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\*=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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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
<b>Chloride</b>	<b>448</b>	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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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

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

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

BTEX 8021B		mg/kg		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	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



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**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 36 1' (H245551-08)**

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

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

BTEX 8021B		mg/kg		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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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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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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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Enselon, LLC  
 Project Manager: David Nicolson  
 Address: 3122 National Parks Hwy  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: 409-464-3009 Fax #:  
 Project #: 09C1558018 & 09C1558402 Project Owner: XTO  
 Project Name: PLU 20 Brushy Draw 124H & 105H  
 Project Location: 32, 11170, -103, 90834  
 Sampler Name: Jesse Dorman  
 P.O. #: Company: XTO Energy Inc.  
 Attn: Amy Ruth  
 Address: 3104 E. Green St.  
 City: Carlsbad  
 State: NM Zip: 88220  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	MATRIX		PRESERV		DATE	TIME	BTEX	TPH	CHLORIDE
			GRAB OR COMP	CONTAINERS	GROUNDWATER	WASTEWATER					
1825551	S-01	0-1'	✓	✓	✓	✓	11:15	11:20	✓	✓	✓
	S-02	1-2'	✓	✓	✓	✓	11:30	11:40	✓	✓	✓
	S-03	2-3'	✓	✓	✓	✓	11:35	11:45	✓	✓	✓
	S-04	3-4'	✓	✓	✓	✓	11:40	11:45	✓	✓	✓
	S-05	4-5'	✓	✓	✓	✓	11:45	11:50	✓	✓	✓
	S-06	5-6'	✓	✓	✓	✓	11:48	11:50	✓	✓	✓
	S-07	6-7'	✓	✓	✓	✓	11:50	11:55	✓	✓	✓
	S-08	7-8'	✓	✓	✓	✓	11:55	12:00	✓	✓	✓
	S-09	8-9'	✓	✓	✓	✓	11:58	12:00	✓	✓	✓
	S-10	9-10'	✓	✓	✓	✓	12:00	12:05	✓	✓	✓

Requisitioned By: [Signature]  
 Collected By: [Signature]  
 Date: 1/23/24  
 Received By: [Signature]  
 Date: 1/23/24

Vertical Format:  Yes  No  
 All Results are emailed. Please provide Email address: [Email]  
 Tutorials@ensel.com | 1/23/24  
 101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

Delivered By: (Cards Only)  
 Sampler - [ ] Yes - [ ] No - [ ] Other - [ ]  
 Temperature: 45°C  
 Sample Condition: [ ] Good [ ] Liquid [ ] Dry [ ] No  
 Date: 1/23/24  
 Signature: [Signature]



101 East Marland, Hobbs, NM 88249  
 (575) 393-2326 FAX (575) 393-2478

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Enbridge, 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> 03C1558318 & 03C155832 <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>BILL TO</b> <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>ANALYSIS REQUEST</b>	
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Lab I.D.	Sample I.D.	Sample Depth (feet)	GRAB OR (COMP. # CONTAINERS)	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
				GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER	ACID/BASE					
HA8557 11	FSM0 FSM	21	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9/16/04	1510	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
12	FSM			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

Requisitioned By: *[Signature]* Date: *9/16/04* Received By: *[Signature]* Date: *9/16/04*

Delivered By: (Circle One)  Pre-Test  Post-Test  Sample Condition:  Cool  Heat  Other  **CHC/MS/BI (Initials)** *PD*

Requisitioned By: *[Signature]* Date: *9/16/04* Received By: *[Signature]* Date: *9/16/04*

Vertical Profile:  Yes  No **MS/BI**  Pre-Test  Post-Test  Other  **CHC/MS/BI (Initials)** *PD*

Remarks: *CP 12 24740 (from)*

Cardinal cannot accept verbal changes. Please email changes to [celery.keeen@cardinallabnm.com](mailto:celery.keeen@cardinallabnm.com)



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

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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.

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)**

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) 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

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

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

BTEX 8021B		mg/kg		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) 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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\*=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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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) 102 % 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 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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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) 102 % 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	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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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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\*=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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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) 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	
<b>Chloride</b>	<b>192</b>	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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\*=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	Sampling Date:	09/10/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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

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

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

BTEX 8021B		mg/kg		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

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

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

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

BTEX 8021B		mg/kg		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, 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 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



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**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 62 2' (H245552-10)**

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) 99.3 % 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	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

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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Celey D. Keene, Lab Director/Quality Manager





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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".

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)**

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) 98.4 % 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

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marlwood, Hobbs, NM 88240  
(575) 393-2328 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Envision, LLC <b>Project Manager:</b> David McNeill <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> 09C1580318 & 09C1558482 <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>Lab I.D.:</b> MW5559 <b>Sample I.D.:</b> E567 <b>Sample Depth (feet):</b> 2 <b>DATE TIME:</b> 9/12/24 09:33 <b>ANALYSIS REQUEST:</b> BTEX, TPH, CHLORIDE		<b>BILL TO:</b> <b>ANALYSIS REQUEST:</b>	
<b>Matrix:</b> <input checked="" type="checkbox"/> GYRAB OR (COMP. CONTAINERS) <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ <b>Preserv:</b> <input checked="" type="checkbox"/> FRIE / COOL <input type="checkbox"/> OTHER: _____		<b>Vertical Spill:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Asset / Project #:</b> <b>At Results are emailed:</b> Please provide Email address: <b>Telephone:</b> _____ <b>Telephone:</b> _____ <b>Website:</b> _____ <b>Cell:</b> _____ <b>Cell:</b> _____ <b>Mobile ID:</b> _____ <b>Standard:</b> <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Contaminant <b>Cool / Insulated:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Corrected Temp. °C:</b> _____	
<b>Requested By:</b> [Signature] <b>Received By:</b> [Signature] <b>Date:</b> 9/12/24 <b>Time:</b> 15:39 <b>Checked By:</b> [Signature]		<b>Requested By:</b> [Signature] <b>Received By:</b> [Signature] <b>Date:</b> 9/12/24 <b>Time:</b> 15:39 <b>Checked By:</b> [Signature]	

\* Cardinal cannot accept verbal changes. Please email changes to cathy.kearns@cardinallabnm.com



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,

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)**

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	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

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

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

BTEX 8021B		mg/kg		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) 99.4 % 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 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: SW 09 0-2' (H245555-03)**

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	1.92	95.9	2.00	8.31		
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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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\*=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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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 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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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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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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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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\*=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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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



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 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, 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 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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Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88340  
(575) 393-2328 FAX (575) 393-2476

Company Name: Epsilon, LLC	<b>BILL TO</b>	P.O. #:	<b>ANALYSIS REQUEST</b>
Project Manager: David Morris	Company: XTO Energy Inc.		
Address: 3122 National Parks Hwy	Attn: Amy Ruth		
City: Carlsbad	Address: 3104 E. Green St.		
Phone #: 409-454-3009	City: Carlsbad		
Fax #: _____	State: NM Zip: 88220		
Project #: 03C1550318 & 03C1550412	Project Owner: XTO		
Project Name: PLU 20 Brushy Draw 124H & 105H	Phone #: _____		
Project Location: 32-11170, -103 00534	Fax #: _____		
Sampler Name: Jesse Dorman			

Lab I.D.	Sample I.D.	Sample Depth (feet)	DURAS OR (COMP. CONTAINERS)	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
				GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER	ACIDBASE					
4245555	SW01	0-3	✓						9/20/07	1945				
	SW04	0-3								1950				
	SW09	0-2								1355				
	PSY8	4								1410				
	SW03	0-2								1425				
	SW04	↓								1430				
	SW06	3								1435				
	PS65	7								1500				
	PS69	7								1505				
	PS76	2								1510				

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Requested By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date: 9/22/07	Date: 9/22/07
Time: 15:30	Time: 15:30
Requested By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date: _____	Date: _____
Time: _____	Time: _____

Delivered By: (Circle One)	Delivered To: (Circle One)	Checked By: (Initials)	Standard	Barium (only) Sample Condition
Sample - UPS - Bus - Other	Company Team	AS	Yes	Yes
	90%		No	No
	15°C		Yes	Yes
	90%		No	No
	15°C		Yes	Yes
	90%		No	No



101 East Marland, Hobbs, NM 88240  
 (505) 293-2326 FAX (575) 293-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> Freedom, LLC <b>Project Manager:</b> David Morris <b>Address:</b> 3122 National Parks Hwy <b>City:</b> Carlsbad <b>Phone #:</b> 409-454-3009 <b>Project #:</b> 00C1558318 & 00C1558412 <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>State:</b> NM <b>Zip:</b> 88220 <b>City:</b> Carlsbad <b>Address:</b> 3104 E Green St. <b>State:</b> NM <b>Zip:</b> 88220	
<b>Company Name:</b> Freedom, LLC <b>Project Manager:</b> David Morris <b>Address:</b> 3122 National Parks Hwy <b>City:</b> Carlsbad <b>Phone #:</b> 409-454-3009 <b>Project #:</b> 00C1558318 & 00C1558412 <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>BILL TO</b> <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	

Lab I.D.	Sample I.D.	Sample Depth (feet)	CONTAINERS	MATERIALS						DATE	TIME	BTX	TPH	CHLORIDE
				GROUNDWATER	WASTEWATER	SOLID	SLUDGE	OTHER	ACIDBASE					
W15555	15577	3'	2							9/24/21	1535	/	/	/
	15579	2'	2							9/24/21	1540	/	/	/
	15582	2'	2							9/24/21	1545	/	/	/
3-D														

**Received By:** [Signature] **Date:** 9/24/21

**Received By:** [Signature] **Date:** 9/24/21

**Delivered By:** (Circle One)  UPS  Bus  Other

**Delivered To:**  Standard  Bacterial (only) Sample Collection

**Delivered Time:** 4:00 PM

**Delivered Temp:** 50°F

**Delivered By:** [Signature]

**Delivered To:** [Signature]

**Delivered Temp:** 50°F

**Delivered Time:** 4:00 PM

**Delivered By:** [Signature]

**Delivered To:** [Signature]

**Delivered Temp:** 50°F

**Delivered Time:** 4:00 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".

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 66 2' (H245556-01)**

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	09/13/2024	ND	1.92	95.9	2.00	8.31	
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	1.92	95.9	2.00	8.31		
Toluene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	9.16		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.87	93.7	2.00	9.43		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.59	93.1	6.00	9.55		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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, 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	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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\*=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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	
<b>Chloride</b>	<b>240</b>	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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	
<b>Chloride</b>	<b>144</b>	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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>128</b>	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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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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	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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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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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	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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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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, SM4500CI-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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

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

BTEX 8021B		mg/kg		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, 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	09/16/2024	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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**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: 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, SM4500CI-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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\*=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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

**Sample ID: FS44 3' (H245556-14)**

BTEX 8021B		mg/kg		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 BTEX	<0.300	0.300	09/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	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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**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: 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, 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	09/16/2024	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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**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: 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, 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	09/16/2024	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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

**Sample ID: FS47 3' (H245556-17)**

BTEX 8021B		mg/kg		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, 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	09/16/2024	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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**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: 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, SM4500CI-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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**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: 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, 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	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	Sampling Date:	09/11/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	PLU 20 BRUSHY DRAW 124H & 105H	Sampling Condition:	Cool & Intact
Project Number:	03C1558318 & 03C1558482	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.11170-103.90534		

**Sample ID: FS52 3' (H245556-20)**

BTEX 8021B		mg/kg		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 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**

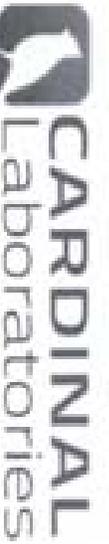
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: <b>Enron, LLC</b> Project Manager: <b>David Monroe</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 #: _____ Project #: <b>00C1558018 &amp; 00C1558482</b> Project Owner: <b>XTO</b> Project Name: <b>PLU 20 Brushy Draw 124H &amp; 105H</b> Project Location: <b>32-11170, -103-90534</b> Sampler Name: <b>Jesse Dorman</b>		P.O. #: _____ 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 #: _____ Fax #: _____	
---	--	--	--

Lab I.D.	Sample I.D.	Sample Depth (feet)	CONTAINERS		MATRIX							DATE	TIME	BTEX	TPH	CHLORIDE
			QIRAS OR /COMP	CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	RO	SLUDGE	OTHER	ACID/BASE					
<i>Heuss54</i>	<i>F566</i>	<i>2'</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>9/1/04</i>	<i>8:50</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>F567</i>												<i>9:05</i>			
	<i>F568</i>												<i>9:15</i>			
	<i>F570</i>												<i>9:55</i>			
	<i>F571</i>												<i>10:00</i>			
	<i>F572</i>												<i>10:05</i>			
	<i>F573</i>												<i>10:10</i>			
	<i>F574</i>												<i>10:15</i>			
	<i>F575</i>												<i>10:20</i>			
	<i>F578</i>												<i>10:20</i>			

PLEASE NOTE: Sampling and analysis (operator's name) were performed by the person(s) listed in the "Sampler Name" field. The person(s) listed in the "Sampler Name" field is/are responsible for the accuracy of the data reported on this form. The person(s) listed in the "Sampler Name" field is/are responsible for the accuracy of the data reported on this form. The person(s) listed in the "Sampler Name" field is/are responsible for the accuracy of the data reported on this form.

Released By: <i>[Signature]</i> Date: <i>1/23/2025</i> Received By: <i>[Signature]</i> Date: <i>1/23/2025</i>	Checked By: <i>[Signature]</i> Date: <i>1/23/2025</i>	Sample Condition: Cool: <i>Yes</i> / No: <i>No</i> Wet: <i>Yes</i> / No: <i>No</i> Other: <i>PP</i>	Standard: 2014M1001 & 1006211001 Received ID: <i>447240100004 &amp; 447240000179</i>
--	--	--	--





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".

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

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

BTEX 8021B		mg/kg		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, SM4500CI-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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**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 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, SM4500CI-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**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

1-1

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Ensochem, LLC  
 Project Manager: Tracy Hillard  
 Address: 3122 National Parks Hwy  
 City: Carlsbad  
 State: NM Zip: 88220  
 Phone #: 575-837-3906 Fax #: \_\_\_\_\_  
 Project #03C1558018 & 03C1558482 Project Owner:  
 Project Name: PLU 20 Brushy Draw 124H & 105H  
 Project Location: 32, 11170, -103, 90534  
 Sample Name: Urinal Sanitizers

P.O. #:  
 Company: XTO Energy  
 Attn: Amy Ruth  
 Address: 3104 E Green St  
 City: Carlsbad  
 State: NM Zip: 88220  
 Phone #: \_\_\_\_\_

Lab I.D.	Sample I.D.	Depth (feet)	# GRAB OR # COMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
					GROUNDWATER	WASTEWATER	SOIL	TO	SLUDGE	OTHER:			
H211071	F3404 F363A F364	4' 4' 4'	C C C	1 1 1	X X X	X X X	X X X	X X X	X X X	10/24/1006 1342 1944	Chloride BTEX TPH	X X X	

Requisitioned By: *U.S. Army*  
 Date: *10/18/10*  
 Received By: *[Signature]*  
 Date: *10/18/10*

Delivered By: (Circle One)  
 Sample - UPS - Bus - Other: \_\_\_\_\_  
 Estimated Time: *08L*  
 Estimated Time: *05L*

Sample Condition:  
 Cool:  Yes  No  
 Sealed:  Yes  No

COI/CROD BY: *[Signature]*

Forwarded Time: *1h* Standard   
 Thermal: *1h*  *2h*   
 Estimated Time: *1h*  *2h*

Vertical Profile:  Yes  No  Not Specified  
 All Results are needed. Please provide email address: *usanitizers@ensolum.com*  
 Email: *usanitizers@ensolum.com*  
 Return to: *usanitizers@ensolum.com*  
 Reference: *Incident #*  
 NAPP2401038894 & NAPP2405057797

\* Cardinal cannot accept verbal changes. Please email changes to celys.james@cardinalhs.com

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 423852

**QUESTIONS**

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

**QUESTIONS**

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

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU 20 BRUSHY DRAW 124
Date Release Discovered	01/06/2024
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Human Error   Tank (Any)   Other (Specify)   Released: 543 BBL   Recovered: 540 BBL   Lost: 3 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	produced water with FR added

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Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 423852

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 423852
	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>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 01/23/2025
--	--

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 423852

**QUESTIONS (continued)**

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

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	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

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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

**Soil Contamination Sampling:** (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

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

On what estimated date will the remediation commence	06/18/2024
On what date will (or did) the final sampling or liner inspection occur	10/04/2024
On what date will (or was) the remediation complete(d)	10/04/2024
What is the estimated surface area (in square feet) that will be reclaimed	15792
What is the estimated volume (in cubic yards) that will be reclaimed	875
What is the estimated surface area (in square feet) that will be remediated	15792
What is the estimated volume (in cubic yards) that will be remediated	940

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

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

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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 423852

**QUESTIONS (continued)**

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

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <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 [JEG1635837366]
<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.

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

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

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

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QUESTIONS, Page 5

Action 423852

**QUESTIONS (continued)**

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

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 423852

**QUESTIONS (continued)**

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

**QUESTIONS**

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

**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. "
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*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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Action 423852

**QUESTIONS (continued)**

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

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 423852

**CONDITIONS**

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

**CONDITIONS**

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