



January 22, 2025

New Mexico Energy Minerals and Natural Resources Department

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

**Re: Closure Request
PLU 20 Brushy Draw 124 & Poker Lake Unit 20-8 BD 105H
Incident Numbers nAPP2401636864 & nAPP2405057797
Eddy County, New Mexico**

To Whom It May Concern:

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

SITE DESCRIPTION AND RELEASE SUMMARY

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

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

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

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

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

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

The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Based on the results of the Site Characterization and requirements of a denial of the previous *Closure Request* by NMOCD (described in subsequent sections), the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT AND DELINEATION ACTIVITIES

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

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

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

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

EXCAVATION ACTIVITIES

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

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



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

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

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

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

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

LABORATORY ANALYTICAL RESULTS

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

CLOSURE REQUEST

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

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

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

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

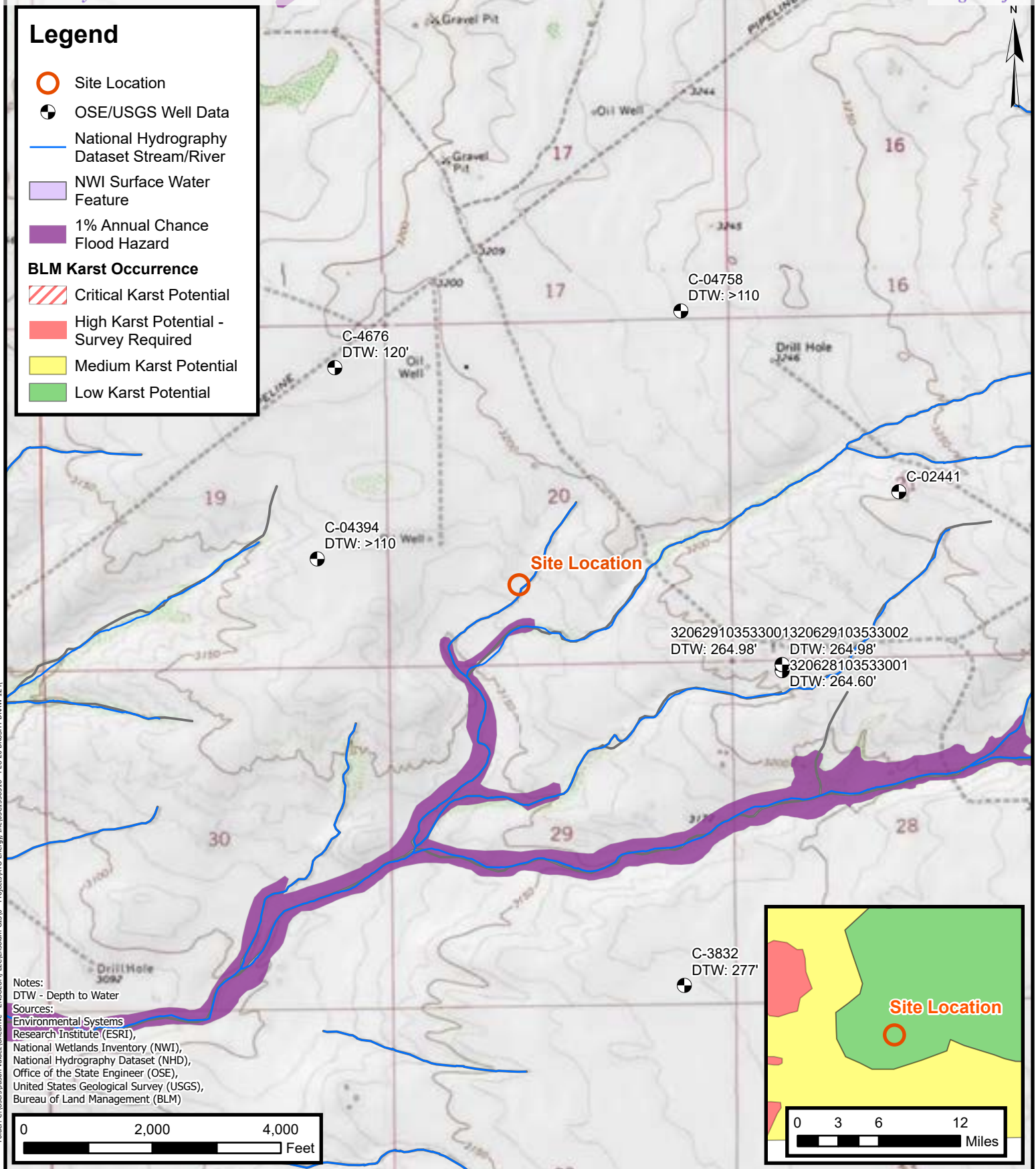
cc: Colton Brown, XTO
Kaylan Dirkx, XTO
BLM

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



Legend

- Photo Location
- Stormwater Management Feature
- Investigated Watercourse
- Confirmed Watercourse
- Release Extent
- National Hydrography Dataset Stream/River



0 95 190 380 570 760
Feet

Sources: Environmental Systems Research Institute (ESRI)



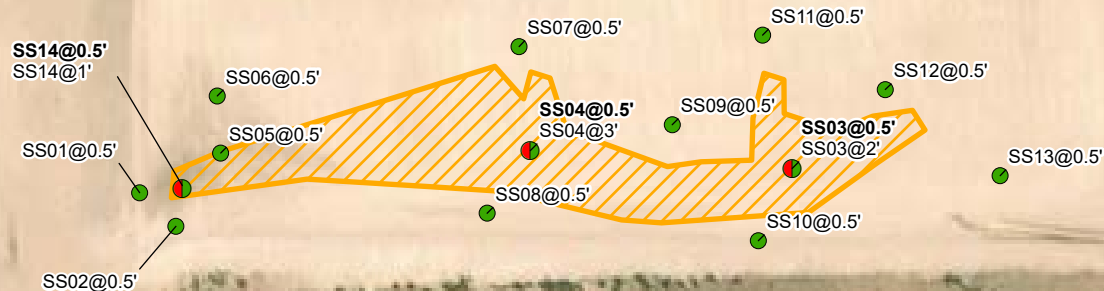
Watercourse Survey

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

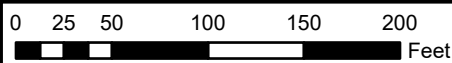
FIGURE
2

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**

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 Unit N, Sec 20, T25S, R30E
 Eddy County, New Mexico

FIGURE**3**

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)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	7/11/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SS02	7/11/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SS03	7/11/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,800
SS03B	7/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS04	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,760
SS04C	07/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SS05	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	47.9	47.9	47.9	384
SS06	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS07	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS08	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SS09	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SS10	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SS11	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SS12	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SS13	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SS14	06/18/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
SS14A	07/11/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
Excavation Soil Samples										
FS01	8/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS02	8/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
FS03	8/16/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS04	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS05	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS06	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS07	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS08	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS09	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS10	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS11	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS12	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS13	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS14	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS15	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 20 Brushy Draw 124 & PLU 20-8 BD 105H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
FS16	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
FS17	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
FS18	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS19	8/21/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS20	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS21	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS22	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS23	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS24	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS25	9/10/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
FS26	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS27	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS28	9/10/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
FS29	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS30	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS31	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS32	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS33	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS34	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS35	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS36	9/10/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS37	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS38	8/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS39	9/10/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS40	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
FS40A	10/4/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS41	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
FS42	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS43	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS44	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS45	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS46	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS47	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS48	9/11/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272



TABLE 1
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Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
FS49	9/3/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS50	9/3/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS51	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS52	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS53	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS54	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS55	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS56	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS57	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS58	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS59	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS60	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS61	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS62	9/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS63	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
FS63A	10/4/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,120
FS63B	11/20/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS64	10/4/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,480
FS64A	11/20/2024	10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS65	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS66	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
FS67	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS68	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS69	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS70	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS71	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS72	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS73	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS74	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS75	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS76	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS77	9/11/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS78	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS79	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 20 Brushy Draw 124 & PLU 20-8 BD 105H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
FS80	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS81	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS82	9/11/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW01	9/10/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
SW02	9/10/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW03	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW04	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW05	9/10/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW06	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW07	9/11/2024	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW08	9/11/2024	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW09	9/11/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW10	11/20/2024	4-10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Friction Reducer SDS



SAFETY DATA SHEET

Issuing Date 01-Aug-2019

Revision Date 01-Aug-2019

Revision Number 1

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

Product Identifier

Product Name POLYglide Xcel-200

Other means of identification

Product Code(s) 10497

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use No information available

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

PFP Industries
29738 Goynes Rd.
Katy, TX 77493

Manufacturer Address

PFP Industries
29738 Goynes Rd.
Katy, TX 77493

Emergency telephone number

Company Phone Number 281-371-2000

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids Category 4

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Warning

Combustible liquid

10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

Appearance Opaque	Physical state Liquid	Odor 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

Inhalation	Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.
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Environmental precautions

Environmental precautions	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

Methods for containment	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.
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.
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10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

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 ² /s	
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	

10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

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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10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated light 64742-47-8	-	2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static	-	4720: 96 h Den-dronereides heteropoda mg/L LC50

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

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TRANSPORT INFORMATION

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

International Inventories

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

10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

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

10497 - POLYglide Xcel-200

Revision Date 01-Aug-2019

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

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

Issuing Date 01-Aug-2019

Revision Date 01-Aug-2019

Revision Note No information available.

Disclaimer

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

End of Safety Data Sheet



APPENDIX B

Referenced Well Records



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 *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	110	0	6	Bentonite Chips	23.5	Pour		


FOR OSE INTERNAL USE

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

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

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

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

 LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation		Identifier: 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 5/8"					
			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')
					2			2.5' SAND, dry, well graded, coarse-fine graind,
					3		SW-S	light brwn - tan, no stain, no odor
					4			5' few silty sand pockets, reddish brwn, no plas, non cohesive
					5			
					6			
					7		SP	6' SAND, dry, poorly graded, light brwn - brwn, fine - very fine
					8			
					9			7.5' some mod consol ss
					10		SW-S	light brwn - brwn, sub rounded
					11			10' abundant ss 10-11' color change
					12			12' ss gravel? absent tan-off white
					13		SP	16' abundant ss gravel 13' back t/ (mod consol) light brwn - brown
					14			19' abundant - some
					15			21.5' sandstone, light, abundant brwn - tan, dry mod well consolidated
					16		SW-S	
					17			23' sandstone chunks absent
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			



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

Compliance · Engineering · Remediation

Identifier:

MW01 C 4394

Date:

2/4/2020

Project Name:

PLU 423

RP Number:

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

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: FS

Method: SONIC

Lat/Long:

Field Screening: ~~CHLORIDES, PD~~

Hole Diameter:

4 1/8"


Total Depth:


110'


Comments:

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

rig adding water

 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
U			Z		51		SP	51.5' trace, high plas clay nodules
U			Z		52			
U			Z		53			53-54' some silty ss, poorly consolidated
M			Z		54			
M			Z		55			55.5' color change tan-grey band (30mm)
M			Z		56			
M			Z		57			59.5' SILTY sand, light brown-brown, moist, no plas, non cohesive, no stain
M			Z		58			
M			Z		59			
M			Z		60		SM	62' more consolidated
D			Z		61			64' dark brown color change, silty clay nodules
M			Z		62		SM-S	
M			Z		63			66' pockets of silty clay brown-green
U			Z		64			
M			Z		65			68' low plas clay pockets some, few low plas clay laminations
M			Z		66			
M			Z		67			
M			Z		68			71' SILTY sand, dry, no plas, non cohesive, light brown-tan
U			Z		69			
U			Z		70			74' trace caliche pebbles, light grey-grey
U			Z		71		SM	
					72			
					73			
					74			
					75			

 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, BS	Method: sonic					
Lat/Long:		Field Screening: CHLORIDES, PID	Hole Diameter: 6 1/4"					
Total Depth: 110'								
Comments:								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type	Lithology/Remarks
D			N		76		SM	76.5' trace low plas clay nodules, reddish brown
D			N		77			
D			N		78			82' CLAYSTONE, moist, brown-greenish grey, low plasticity, cohesive, no stain, no odor, mod consolidated
D			N		79			
D			N		80			
D			N		81			85' SILTY sand, dry, light brown-brown, no plas, non cohesive, no stain, no odor
D			N		82		CL-S	
M			N		83			
D			N		84			87' color change tan-off white
D			N		85		SM	
D			N		86			88' light brown-brown
D			N		87		SM-S	
D			N		88			87' SILTSTONE, dry, w/ clay pockets, low plas
D			N		89			
D			N		90			91' abundant clay pockets
D			N		91			
D			N		92			94.5' band yellow low plas clay
D			N		93			
D			N		94		SM	
M			N		95		CH	end @ 95' 2/4/2020
M			N		96			2/5/20
D			N		97			95'-101' CLAY, moist, brown-dark brown, high plasticity, cohesive, some tan clay laminations, no stain, no odor.
M			N		98			
D			N		99			98'-99' tan fine gran sandstone stringers.
M			N		100			

 <p>LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation</p>		Identifier: MWOF 4394 Date: 2/5/2020						
Project Name: PLU 423		RP Number: 2RP-3790						
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			105'-110' CLAY, moist, dark brown-brown, high plasticity, cohesive, true tan sand laminations, no stain, no odor.
D			N		106		CH	
D			N		107			107'-109' tan-light brown well consolidated fine grain sandstone stringer.
D			N		108			
M			N		109			
			N		110			
					111		TD @ 110'	TD @ 110'
					112			
					113			
					114			
					115			
					116			
					117			
					118			
					119			
					120			
					121			
					122			
					123			
					124			
					125			



APPENDIX C

Photographic Log

**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

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

								Sample Name: SS04		Date: 7/12/2024	
								Site Name: PLU 20 Brushy Draw 124 & 105H			
								Incident Numbers: nAPP2401636864 and nAPP2405057797			
								Job Number: 03C1558318			
LITHOLOGIC / SOIL SAMPLING LOG								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						
M	4,631	0	N		1	1		(@1') some poorly graded sand with silt, trace clay			
M	2,475	0	N		2	2		(@2') little clay			
M	431.2	0	N	SS04C	3	3		Total depth @ 3 feet bgs			

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



Appendix E

Disposal Manifests



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

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

MANIFEST #
0355832

Part 1 - Generator

COMPANY NAME: XTO - Perm 031558318
LEASE: Texas NALCO 11136864
AFE #: 66-6011111 API: 30-115-5114
RIG NAME: 24-2080 WELL #: 12411
STATE & COUNTY ORIGIN: TX DeWitt

DATE: 01/25/24
PHONE: _____
QUANTITY: 20 ☐ BBLs ☒ YARDS

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

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

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

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

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

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

(Print Authorized Agent's Name) _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 01/25/24 TIME IN: 12:24 AM / PM ☒
TIME OUT: _____ AM / PM ☐
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING: 268007
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
H₂O: 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
DBA: Northern Delaware Basin Landfill
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

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

MANIFEST #
0351728

Part 1 - Generator

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H₂O: _____ 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
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

COMPANY MAN: David D. Ryke
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0351730

Part 1 - Generator

COMPANY NAME: XFC
LEASE: P1V 20 BD
AFE #: APR30-015-53242
RIG NAME: _____ WELL #: 124 H
STATE & COUNTY ORIGIN: _____

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

NORM TESTING: ✓ (Less than 50 MCL)

Shake Out:

1	2	3

H₂O 5 Gallon Test: _____

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

EMPLOYEE SIGNATURE: Alan Z

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



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

COMPANY MAN: Daniel Bland
(Authorized Agent's Printed Name and Title)
SIGNATURE: _____
COMPANY MAN (EMAIL): _____
COMPANY MAN PHONE: _____

MANIFEST #
0325374

Part 1 - Generator

COMPANY NAME: STO-PULL 475/558718
LEASE: 100 nAPP3401-36864
AFE #: 11-16211001 API: 30-015-53 242
RIG NAME: PCU 2000 WELL #: 124 R
STATE & COUNTY ORIGIN: TX / DALLAS

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: San Telco Mex YARD #: _____ WHP #: _____ TRUCK #: 51
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 4222
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: _____
(Less than 10 MCR)

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

H₂O: 5

Gallon Test: _____

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

EMPLOYEE SIGNATURE: Ray L. Bland
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
CWA: Northern Delaware Basin Landfill
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

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

MANIFEST #
0325375

Part 1 - Generator

COMPANY NAME: STU - OILFIELD: 0325375
LEASE: Truck - ADP 244143644
API #: 66-146211001 API: 30-015-53242
RIG NAME: PLU 2080 WELL #: 12411
STATE & COUNTY ORIGIN: Edley

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W, NM Highway 128 | Jal, New Mexico 88252
DATE: 2-20-24 TIME IN: 2:37 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: [Signature]
(Less than 30 MCR)
Shake Out:

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

H₂O: 0
5: _____
Gallon Test: _____
SERVICE NOTES: This is to certify that: [Signature] Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
EMPLOYEE SIGNATURE: _____



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

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

MANIFEST #
0355827

Part 1 - Generator

COMPANY NAME: 110-11-11 034558318
LEASE: Texas NAPP 24-163684
AFE #: 12-14332-1101 API: 30-415-53242
RIG NAME: PLU 20 RD WELL #: 124 H
STATE & COUNTY ORIGIN: TX, El Paso

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

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

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

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

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

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

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

(Print Authorized Agent's Name) _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 9/9/24 TIME IN: 12:17 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: _____
(Less than 50 MCR)
H₂O S:

Shake Out:		
1	2	3

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



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

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

MANIFEST #
0357828

Part 1 - Generator

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

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

STATE & COUNTY ORIGIN: _____

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

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 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 (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: Ver Tez Max YARD #: _____ WHP #: _____ TRUCK #: 51
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 4229
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

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



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

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

MANIFEST #
0349750

Part 1 - Generator

COMPANY NAME: XTO P11 20 PD 1044
LEASE: United Napp 241636564
APE #: Project 030125011 API: 30-012-33242
RIG NAME: Rubio 1161024 WELL #: 00-166624001
STATE & COUNTY ORIGIN: Lea N.M.

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

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

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

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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 Amy Kuth Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

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

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

EMPLOYEE SIGNATURE: _____

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Shake Out:
1 2 3
H₂O S
265500
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
DGA, Northern Delaware Basin Landfill
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

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

MANIFEST #
0349749

Part 1 - Generator

COMPANY NAME: XTO PLU 20 80 1944
LEASE: Widened Napp 240162 6264
AFE #: Project 050000010 API: 70-015-22442
RIG NAME: Widened Napp 240162 6264 WELL #: 0501626240
STATE & COUNTY ORIGIN: La Alti

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

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

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

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

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

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

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

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

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One)

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

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

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

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

☐ NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H₂O 5

Gallon Test: _____

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

EMPLOYEE SIGNATURE: _____

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



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

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

MANIFEST #
0349748

Part 1 - Generator

COMPANY NAME: XTO PLU 30 RD 184H
LEASE: Incident # Napp 2401636254
AFE #: Project 1094455210 API: 20-012-53243
RIG NAME: Rehman 1562004 WELL #: CS166621101
STATE & COUNTY ORIGIN: La N.M.

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

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

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

☒ RCRA EXEMPT: 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 Amy Ruth Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Seni Truck 1110X YARD #: _____ WHP #: _____ TRUCK #: 23
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 227
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Wicks DISPATCHER PHONE #: 432/202 98 01

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: Gustavo Ruiz DRIVER'S SIGNATURE: [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:	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:		
1	2	3

H₂O 5

Gallon Test: 265.127

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

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

MANIFEST #
0343405

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: _____ WHP #: _____ TRUCK #: 39
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0204
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Velez DISPATCHER PHONE #: 432-209-0851

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 8/19/24 TIME IN: 600 AM / PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

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

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

NORM TESTING: (Less than 50 MCR)

Shake Out		
1	2	3

H₂O 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 Ruth
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0343404

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 8/19/24 TIME IN: 9:13 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: (Less than 10 MCR)
Shake Out: 265166
H₂O: _____
Gallon Test: _____
SERVICE NOTES: _____
This is to certify that: Jayleen Employee (Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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

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

MANIFEST #
0342403

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 8/19/24 TIME IN: 1223 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: _____
(Less than 50 MCR)
H₂O S: _____
Shake Out: 2654120
Gallon Test: _____
SERVICE NOTES: _____
This is to certify that: [Signature]
Employee (Printed Name): _____
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site



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

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

MANIFEST #
0343408

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLU 20 BD 1294
AFE # 03C155P318 API: 30-015-53292
RIG NAME: Release: 1-6-2024 WELL #: 5C1666211001
STATE & COUNTY ORIGIN: Incident: APP2401636864

DATE: 8-30-99
PHONE: _____
QUANTITY: _____ ☐ BBLs
20 ☒ YARDS

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 8/20/24 TIME IN: 6:15 AM / PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

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

SERVICE NOTES: Kydon
This is to certify that: _____
(Employee's Printed Name)

EMPLOYEE SIGNATURE: _____

NORM TESTING: Less than 50 MCR

Shake Out:		
1	2	3

H₂O S: 265707

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

MANIFEST #
0343407

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLU20BD124H
API: 03C158318 API: 30-015-53242
RIG NAME: Release: 1-6-2024 WELL # C-1666211001
STATE & COUNTY ORIGIN: Incident: APP2401636864

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 8/20/24 TIME IN: 351 AM / PM-
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: _____
(Less than 50 MCR)
H₂O 5
Shake Out: 265683
Gallon Test: _____
SERVICE NOTES: Kyden
This is to certify that: _____ Employee (Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site.

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



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

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

MANIFEST #
0343406

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 8/20/24 TIME IN: 1:31 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: _____
(Less than 50 MCG)
H₂O: _____
Shake Out: 265666
Gallon Test: _____
SERVICE NOTES: keychain
This is to certify that: _____
(Employee's Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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

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

MANIFEST #
0307854

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: David Wall 8/19/2021 DRIVER'S SIGNATURE: [Signature]
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

NORM TESTING: 1
(Less than 50 MCR)

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

H₂O: _____

Gallon Test: _____

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

EMPLOYEE SIGNATURE: [Signature]

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



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

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

MANIFEST #
0307853

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLU20 BD 124 H
AFE #: Project 0301558318 API: 30-015-53242
RIG NAME: APP 2401 L 32864 WELL #: Pekos 14, 2024
STATE & COUNTY ORIGIN: OK 66211001

DATE: 3-19-24
PHONE: _____
QUANTITY: _____ ☐ BBLs
_____ ☐ YARDS

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

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

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

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, 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: Serr Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 50
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Wicler DISPATCHER PHONE #: 214-209-0851

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: David Wall 8/19/2024 DRIVER'S SIGNATURE: [Signature]
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 3-19-24 TIME IN: 12:17 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: 1
Less than 10 MCBS
H₂O S: 265/26
Shake Out:

1	2	3
<u>11A</u>		

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



OWL Landfill Services, LLC

DBA: Northern Delaware Basin Landfill

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

COMPANY MAN: Arny R. 75

(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: _____

MANIFEST #

0345580

COMPANY NAME: X TO

DATE: 8-20-24

LEASE: PLU 203D 124 H

PHONE: _____

API #:

API: 70-015-53242

QUANTITY: _____

☐ BBLs

RIG NAME: CC1666211001

WELL #:

Refuse: 1-6

☒ YARDS

STATE & COUNTY ORIGIN: Inc. 107 napp 90163649

Waste Description (check only one box)

☐ RCRA Exempt

☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)

☐ Water Based Cuttings (WET)

☒ Contaminated Soil

☐ Produced Sands

☐ Oil Based Cuttings (DRY)

☐ Oil Based Cuttings (WET)

☐ Injectable Fluids

☐ Non-Injectable Fluids

☐ Oil Base Mud

☐ Water Base Mud

☐ Muds w/Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other: _____

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

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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 _____

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

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: Willy H. 1010

PHONE #: 432-204085

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

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

DRIVER: F. 202 Harder

DRIVER'S SIGNATURE: _____

(Driver's Name Printed)

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 8/20/24

TIME IN: 6:18

AM / PM

TIME OUT: _____

AM / PM

☐ Northern Delaware Basin Landfill

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

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM TESTING:

(Less than 50 MCR)

H₂O

Shake Out:		
1	2	3

265708

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

(Employee Printed Name)

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

EMPLOYEE SIGNATURE: _____

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

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 #
0345579

Part 1 - Generator

COMPANY NAME: XTO DATE: 8-20-24
LEASE: PLU 203D 129 H PHONE: _____
API #: 0301558518 API: 30-015-53240
RIG NAME: CC-1666211001 WELL #: Rebasc-1-6-24
STATE & COUNTY ORIGIN: Incident: AAPD 2401636869

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: STH YARD #: _____ WHP #: _____ TRUCK #: 54
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0305
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Weller 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: 3:54 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:
0
(Less than 50 MCR)

Shake Out:		
1	2	3

265684

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 R. Yeh
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0345578

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLU 20PD 124H
AFE # Project: 0301558-18 APL: 30-015-53-349
RIG NAME: CC: 1666-11001 WELL # Releace: 1-6-24
STATE & COUNTY ORIGIN: Incident: APP 401636564

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: STN YARD #: _____ WHP #: _____ TRUCK #: 54
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0575
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Wilk DISPATCHER PHONE #: 401-978-8311

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: Fred Hodge 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: 8/20/24 TIME IN: 1:40 AM / PM ☒
TIME OUT: _____ AM / PM ☐
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: [Signature]
Less than 50 MCR
H₂O: 5
Shake Out:

1	2	3

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

MANIFEST #
0368349

Part 1 - Generator

COMPANY NAME: X70
LEASE: PLU20BD1294
AFE #: 2-030158318 API: 30-015-53242
RIG NAME: SC-1666211001 WELL #: _____
STATE & COUNTY ORIGIN: Acidit: APP14D1636864

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: _____ WHP #: _____ TRUCK #: 39
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 330
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy W. Lopez 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
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: 1
(Less than 50 MCR)
Shake Out: 284054
H₂O S: _____
Gallon Test: _____
SERVICE NOTES:
This is to certify that: _____
Employee (Printed Name)
EMPLOYEE SIGNATURE: Alan B
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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-0361358218 API: 30-015-53142 QUANTITY: _____ ☐ BBLs
RIG NAME: CC:166611001 WELL #: _____ ☐ YARDS
STATE & COUNTY ORIGIN: Incident WAPP2401636864

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

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

☒ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: Compu Recycler YARD #: _____ WHP #: _____ TRUCK #: 39
ADDRESS: San Tex Mex TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0300
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM DISPATCHER NAME: Willy Miller DISPATCHER PHONE #: 913-209-6501

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: (Less than 50 MCR)

Shake Out: 284087

Shake Out:		
1	2	3

H₂O 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: Sean

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



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

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

MANIFEST #
035402

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

COMPANY NAME: XTO
LEASE: PLU 20 RD 124 H
AFE #: 1251558318 API: 30-013-93242
RIG NAME: 2401436344 WELL #: 666211001
STATE & COUNTY ORIGIN: _____

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

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

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

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

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

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

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

(Print) Authorized Agent's Name: Willy Weller Date: _____ Signature: 432 209 0851

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 11/13/24 TIME IN: 4:15 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: _____
Less than 30 MCRS
H₂O: _____
Shake Out:

1	2	3

281062
Gallon Test: _____
SERVICE NOTES: Aug 1/24
This is to certify that: _____ Employee (Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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

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

MANIFEST #
0363530

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 11/13/24 TIME IN: 5:28 AM / ☒ PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: Less than 50 MCF

Shake Out:

	1	2	3
H ₂ 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: Dean B.





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

COMPANY MAN: Daniel R. King
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0363531

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

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



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

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

MANIFEST #
0372670

Part 1 - Generator

COMPANY NAME: ATC
LEASE: PLD 20 8D 124H
AFE #: Pog 822638313 API: 30-015-53242
RIG NAME: ATP 2401636341 WELL #: CC 1646211026
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 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SanTex Inc YARD #: _____ WHP #: _____ TRUCK #: 92
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 527
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

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

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: 1210 AM/PM
TIME OUT: _____ AM/PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: (Less than 50 MCR)
Shake Out: 2841005
H₂O S: _____
Gallon Test: _____
SERVICE NOTES: Kayden
This is to certify that: _____ Employee (Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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

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

MANIFEST #
0372671

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

COMPANY NAME: XTO
LEASE: PLU 2080 124H
AFE #: 403/558318 API: 30-015-33242
RIG NAME: 440240163364 WELL #: 561666211001
STATE & COUNTY ORIGIN: _____

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SanTex Mex YARD #: _____ WHP #: _____ TRUCK #: 02
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 517
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

H₂O 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
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndbfill.com

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

MANIFEST #
0372672

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

COMPANY NAME: STU
LEASE: 120 30 BD 1344
AFE #: Pg 1403055318 APL: 30-015-53242
RIG NAME: WAPP2401076844 WELL #: C-166211001
STATE & COUNTY ORIGIN: _____

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

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

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

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

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

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

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

(Print) Authorized Agent's Name: _____ Date: _____ Signature: _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: (Less than 50 MCR)

Shake Out:

1	2	3

H₂O \$ _____

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

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

MANIFEST #
0350493

Part 1 - Generator

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

DATE: _____
PHONE: _____
QUANTITY: 20 ☐ BBLs ☐ YARDS

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 1/3/24 TIME IN: 1200 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

NORM TESTING:
(Less than 50 MCR)

Shake Out:
1 2 3
H₂O 5
268380
Gallon Test: _____

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

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



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

COMPANY MAN: Orin Burt
Authorized Agent's Printed Name and Title
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0350494

Part 1 - Generator

COMPANY NAME: XTO 021558316
LEASE: PLU 20 BD 124 H
AFE #: 008210140944 API: 30-015-53212
RIG NAME: 166624001 WELL #: 124 H
STATE & COUNTY ORIGIN: ACADIA

DATE: _____
PHONE: _____
QUANTITY: 20 ☐ BBLs ☒ YARDS

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

268398
H₂O 5
Gallon Test: _____
SERVICE NOTES:
This is to certify that: _____ Employee (Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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

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

MANIFEST #
0350495

Part 1 - Generator

COMPANY NAME: XTO 031534318
LEASE: PLU 22 BD 124 H
AFE #: 1149210163486 API: 30-05-53242
RIG NAME: 114424001 WELL #: 124 H
STATE & COUNTY ORIGIN: Edley

DATE: _____
PHONE: _____
QUANTITY: 20 ☐ BBLs
☐ YARDS

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

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

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

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

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

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

(Print Authorized Agent's Name) _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

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



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

COMPANY MAN: David Brad
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0350496

Part 1 - Generator

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

DATE: _____
PHONE: _____
QUANTITY: 20 ☐ BBLs ☐ YARDS

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

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 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: Sum Tex Prox YARD #: _____ WHP #: _____ TRUCK #: 59
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0237
DATE: _____ TIME: ☐ AM ☐ PM DISPATCHER: _____ DISPATCHER PHONE #: _____
RECEIVED: _____ RECEIVED: _____ NAME: _____

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H₂O: _____

Gallon Test: _____

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

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

MANIFEST #
0350497

Part 1 - Generator

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

H₂O S: _____
Gallon Test: _____
SERVICE NOTES: This is to certify that: _____
(Employee (Printed Name))
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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

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

MANIFEST #
0357377

Part 1 - Generator

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

DATE: _____
PHONE: _____
QUANTITY: _____ ☐ BBLs
_____ ☒ YARDS

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

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

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

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

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

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

(Print) Authorized Agent's Name: _____ Date: _____ Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 9-5-24 TIME IN: 1:10 AM / PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☐ NORM TESTING: _____
(Less than 50 MCR)

Shake Out:		
1	2	3

H₂O \$ _____

Gallon Test: _____

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

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



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

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

MANIFEST #
0343416

Part 1 - Generator

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.34, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 9/13/24 TIME IN: 6:14 AM/PM ☒ AM
TIME OUT: _____ AM/PM ☐ PM

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: Less than 50 MGB

Shake Out:		
1	2	3

H₂O \$ _____

Gallon Test: _____

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

EMPLOYEE SIGNATURE: _____

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

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



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

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

MANIFEST #
0343415

COMPANY NAME: XTO
LEASE: PLU20 RD 124H
AFE Project: 03C1566318 API: 30-015-53249
RIG NAME: _____ WELL EC-1666211001
STATE & COUNTY ORIGIN: Acident 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 (NCEB). Accepts certifications on a per load basis only.

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

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

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

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

WASHOUT BY: _____ WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: Less than 50 MGD

Shake Out:		
1	2	3

H₂O: _____ 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
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: XTO
LEASE: PLU 20 BD 124 H
APR Project: 03C155838 APR: 30-05-58243
RIG NAME: WELB-1666211001
STATE & COUNTY ORIGIN: Incident in APP 24016364

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

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

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

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

☐ RCRA NON-EXEMPT: Offfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.34, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

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 Melch DISPATCHER PHONE #: 932-209-0851

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

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

1	2	3

268393
H₂O S: _____
Gallon Test: _____
SERVICE NOTES: Jayden
This is to certify that: _____ (Employee Printed Name)
EMPLOYEE SIGNATURE: _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.



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 20 BD 194 H
AFE # Project: 03C15583R API: 30-015-53242
RIG NAME: CC-166211001 WELL #: _____
STATE & COUNTY ORIGIN: Incident: APP9401636364

DATE: _____
PHONE: _____
QUANTITY: _____ ☐ BBLs
_____ ☒ YARDS

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

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

☒ **RCRA EXEMPT:** Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (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: Sonotek Mex YARD #: _____ WHP #: _____ TRUCK #: 10
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Wierich DISPATCHER PHONE #: 459-209-0837

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: Bob Shier
(Driver's Name Printed)
I (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 9/4/24 TIME IN: 4:00 AM / PM ☒
TIME OUT: 4:09 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

H₂O: _____

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 Name, Title and Title)
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0351727

Part 1 - Generator

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

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

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

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

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 9/4/24 TIME IN: _____ AM / PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☐ NORM TESTING: _____
(Less than 50 MCR)

Shake Out:		
1	2	3

H₂O S _____

Gallon Test: _____

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

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

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



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

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

MANIFEST #
0364678

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLV2080124H
AFE #: 0361558318 AFE: 30-015-53242
RIG NAME: _____ WELL #: CC1666211001
STATE & COUNTY ORIGIN: NM 2401636864

DATE: 9551841988-5676
PHONE: _____
QUANTITY: _____ ☐ BBLs
20 ☒ YARDS

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

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

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

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sea Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 53
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 298
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM
DISPATCHER NAME: Willy Wilcox DISPATCHER PHONE #: 4322090851

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

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

DRIVER: Tad Cui DRIVER'S SIGNATURE: Tad Cui
(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: 9-5-24 TIME IN: 12:05 AM / PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: 6 (Less than 50 MCR)

Shake Out:		
1	2	3

H₂O _____
S _____

Gallon Test: _____

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

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

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

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: Y. Smith
SIGNATURE: [Signature]
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0364676

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLU 20 BD
AFE #: _____ API: _____
RIG NAME: _____ WELL #: 124 H
STATE & COUNTY ORIGIN: _____

DATE: 9/4/24
PHONE: 575.552.3789
QUANTITY: _____ ☐ BBLs
20 ☒ YARDS

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

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

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

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

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

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

(Print) Authorized Agent's Name: _____ Date: _____ Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sea Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 53
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
DATE: _____ TIME: ☐ AM ☐ PM DISPATCHER NAME: Willy Wier DISPATCHER PHONE #: 432.209.0851
RECEIVED: _____ RECEIVED: _____

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

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

DATE: 9/4/24 TIME IN: 4:07 AM/PM ☒ AM ☒ PM
TIME OUT: 4:14

WASHOUT BY: _____ WASHOUT: _____ TIME IN: _____ TIME OUT: _____

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

☒ NORM TESTING: [Signature] (Less than 50 MCR)

Shake Out:		
1	2	3
H ₂ O		
5		

Gallon Test: 268663

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

EMPLOYEE SIGNATURE: [Signature]

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

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



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

COMPANY MAN: David B. Judd
(Authorized Agent's Printed Name and Title)
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0351729

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PIU 20 BD
AFE #: _____ API: 30-1013-53 212
RIG NAME: _____ WELL #: 124 11
STATE & COUNTY ORIGIN: _____

DATE: 9/4/24
PHONE: 575 552 3789
QUANTITY: _____ ☐ BBLs
20 ☒ YARDS

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

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

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

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

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

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

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sem Tex MEX YARD #: _____ WHP #: _____ TRUCK #: 53
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: _____ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

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

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): ☒ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 9/4/24 TIME IN: 1:03 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: [Signature]
(Less than 50 MCR)
Shake Out:

Shake Out:		
1	2	3

H₂O: _____
Gallon Test: 168612
SERVICE NOTES:
This is to certify that: _____ Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site.
EMPLOYEE SIGNATURE: [Signature]
White Copy: Disposal Facility Yellow: Transporter Pink: Generator



APPENDIX F

Laboratory Analytical Reports & Chain of Custody Documentation



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

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.

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

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.25		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	3.21		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.00	100	2.00	3.45		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.95	99.1	6.00	3.42		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2024	ND	205	103	200	6.85	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	185	92.3	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/21/2024
Reported: 11/22/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 11/20/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.25		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	3.21		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.00	100	2.00	3.45		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.95	99.1	6.00	3.42		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, 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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/21/2024
Reported: 11/22/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 11/20/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.25		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	3.21		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.00	100	2.00	3.45		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.95	99.1	6.00	3.42		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	11/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2024	ND	205	103	200	6.85	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	185	92.3	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Company Name: Enrochem, LLC

Project Manager: **Tracy Hillard**

Address: 1122 National Parkway

155 - Caffeine

Phone: 407-454-3007

[illegible]Project Manager: **Flu 20**

Project Location: **37° 11'20" - 105° 40'11"**

Sample Name: 011701

70

Company: **XTD**

1000

THE

10

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1



ANALYSIS REQUEST

[illegible]

THE UNIVERSITY OF CHICAGO

Postregulation by

Engineered by: **Johns One!**

Sample: WPS = Bus = Other

Donnerstag 29

Figure 1

Journal Comments

CONCLUSIONS

100

10

10

100

10

Key Words:

Observed Temp. °C

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



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

June 26, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	2.08	104	2.00	1.82		
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34		
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77		
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND						

Surrogate: 1-Chlorooctane 65.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	2.08	104	2.00	1.82		
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	17.9	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 66.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	2.08	104	2.00	1.82		
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 54.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	2.08	104	2.00	1.82		
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 59.8 % 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
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	2.08	104	2.00	1.82	
Toluene*	<0.050	0.050	06/24/2024	ND	2.16	108	2.00	1.47	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.13	106	2.00	1.16	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	6.54	109	6.00	1.03	
Total BTEX	<0.300	0.300	06/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.2 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	1.91	95.3	2.00	0.524		
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 62.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEx	<0.300	0.300	06/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 59.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	1.91	95.3	2.00	0.524		
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
Reported: 06/26/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 06/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.91	95.3	2.00	0.524	
Toluene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	0.0720	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	2.01	100	2.00	0.148	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.91	98.5	6.00	0.212	
Total BTEX	<0.300	0.300	06/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	06/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	187	93.5	200	1.34	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	189	94.5	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 61.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.3 % 49.1-148

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a light blue horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

† Cardinal cannot accept verbal changes. Please email changes to celebrations@cardinalabbey.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: Ennstech, LLC Project Manager: Tracy Hillard Address: 3122 National Parks Hwy City: Carlsbad Phone #: 7603723806 Project #: 01C1456318 Project Name: PLU 20 Brushy Draw 134H Project Location: 32.1117S, -102.8060E Sampler Name: Joshua Boutley										P.O. #: Company: XTO Energy Inc. Attn: Amy Ruth Address: 3194 E Green St City: Carlsbad State: NM Zip: 86220 Phone #: Fax #:																																																	
Lab I.D. H24338 11										Sample I.D. 5514										Depth (feet) 0.5										Matrix (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL NO SLUDGE OTHER: ACID/BASE ICE / COOL OTHER:										DATE 4/24/2025 TIME 12:05										ANALYSIS REQUEST BTEX TPH Chlorides									
Requisitioned By: [Signature]										Date: 4/20/24 Time: 1:18										Received By: [Signature]										Vertical Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Adm Phone #: All Results are emailed. Please provide Email address: daniel@ennstech.com, boud@ennstech.com, Tiberius@ennstech.com																													
Requisitioned By: [Signature]										Date: 4/20/24 Time: 1:18										Received By: [Signature]										REMARKS: Turnaround Time: Standard Turnaround Time: 4-6 days Turnaround Time: 1-2 days Turnaround Time: 1-2 days Turnaround Time: 1-2 days																													
Delivered By: (Circle One) Sampler - UPS - Box - Other:										Container Temp: 15.4°C Container Temp:										Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: (Initials)										Turnaround Time: Standard Turnaround Time: 4-6 days Turnaround Time: 1-2 days Turnaround Time: 1-2 days Turnaround Time: 1-2 days																			



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

July 19, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/15/2024
Reported: 07/19/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/16/2024	ND	2.00	99.8	2.00	0.859		
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688		
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14		
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51		
Total BTEX	<0.300	0.300	07/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	07/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/15/2024
Reported: 07/19/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received: 07/15/2024
Reported: 07/19/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	07/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received: 07/15/2024
Reported: 07/19/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/15/2024
Reported: 07/19/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/16/2024	ND	2.00	99.8	2.00	0.859		
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688		
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14		
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51		
Total BTEX	<0.300	0.300	07/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	07/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/15/2024
Reported: 07/19/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558318
Project Location: XTO 32.11175,-103.90606

Sampling Date: 07/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2024	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	07/16/2024	ND	1.89	94.7	2.00	0.688	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	1.90	94.9	2.00	2.14	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	5.61	93.4	6.00	2.51	
Total BTEX	<0.300	0.300	07/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	205	102	200	4.76	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	196	98.2	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

[illegible]

† Cardinal cannot accept verbal changes. Please email changes to celery.kennel@cardinallab.com



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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/20/2024
Reported: 08/22/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558434
Project Location: XTO 32.11175,-103.90606

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS 02 1 (H245048-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.18	109	2.00	3.93	
Toluene*	<0.050	0.050	08/22/2024	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.21	111	2.00	3.37	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.86	114	6.00	2.92	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	238	119	200	2.41	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	222	111	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

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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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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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



101 East Maryland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/20/2024
Reported: 08/22/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558434
Project Location: XTO 32.11175,-103.90606

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS 01 1 (H245049-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.18	109	2.00	3.93	
Toluene*	<0.050	0.050	08/22/2024	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.21	111	2.00	3.37	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.86	114	6.00	2.92	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	238	119	200	2.41	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	222	111	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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*=Accredited Analyte

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



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

Analytical Results For:

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

Received: 08/20/2024
Reported: 08/22/2024
Project Name: PLU 20 BRUSHY DRAW 124H
Project Number: 03C1558434
Project Location: XTO 32.11175,-103.90606

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS 03 2 (H245049-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.18	109	2.00	3.93		
Toluene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.21	111	2.00	3.37		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.86	114	6.00	2.92		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	238	119	200	2.41	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	222	111	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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

Page 5 of 5



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.

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 "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	QM-07
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	QM-07
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	QM-07
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	QM-07
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73		
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73		
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73		
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20		
Total BTX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73	
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73		
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/28/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.92	96.2	2.00	4.73		
Toluene*	<0.050	0.050	08/28/2024	ND	1.89	94.7	2.00	0.859		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	1.96	97.9	2.00	1.71		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.05	101	6.00	1.20		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	08/28/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	221	110	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	215	108	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45		
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53		
Total BTEx	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, 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

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS 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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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS 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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45	
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/28/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	217	109	200	2.85	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	196	98.2	200	0.734	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/27/2024
Reported: 08/29/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 08/26/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	2.16	108	2.00	7.45		
Toluene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.20		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.10	105	2.00	7.21		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.29	105	6.00	7.53		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/28/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	201	101	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	194	97.0	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensilium, LLC		BILL TO		ANALYSIS REQUEST													
Project Manager: Tracy Hilbard		P.O. #:															
Address: 3122 National Parks Hwy		Company: XTO Energy Inc.															
City: Carlsbad		State: NM Zip: 88220															
Phone #: 575-937-3908 Fax #:		Attn: Amy Ruth															
Address: 3104 E. Green St.		City: Carlsbad															
Project #: 03C1598318 & 03C1598482 Project Owner: XTO		State: NM Zip: 88220															
Project Name: PLU 20 Brushy Draw 124H & 105H		Phone #:															
Project Location: 32.11170, -103.90534		Fax #:															
Sample Name: Jesse Dorman																	
FROM LAB USE ONLY																	
Lab I.D.	Sample I.D.	Sample Depth (feet)	GROUNDWATER OR (COMP. CONTAINERS)	MATERIAL				PRESERVATION		SAMPLING				ANALYSIS			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	BTEX	TPH	CHLORIDE
14582A	ES04	1'	✓	✓									8/21/20	1205	✓	✓	✓
2	ES08	1'	✓	✓									8/21/20	1210	✓	✓	✓
3	ES06	1'	✓	✓									8/21/20	1215	✓	✓	✓
4	ES07	1'	✓	✓									8/21/20	1235	✓	✓	✓
5	ES08	1'	✓	✓									8/21/20	1240	✓	✓	✓
6	ES09	1'	✓	✓									8/21/20	1245	✓	✓	✓
7	ES10	1'	✓	✓									8/21/20	1250	✓	✓	✓
8	ES11	1'	✓	✓									8/21/20	1305	✓	✓	✓
9	ES12	1'	✓	✓									8/21/20	1310	✓	✓	✓
10	ES13	1'	✓	✓									8/21/20	1315	✓	✓	✓
RECEIVED BY: <i>[Signature]</i> RECEIVED BY: <i>[Signature]</i>																	
DATE: 8/27/24 TIME: 1347																	
DELIVERED BY: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> BUS <input type="checkbox"/> OTHER																	
OBSERVED Temp: 18°C Sample Condition: Good Initial: 18°C																	
CONNECTED Temp: 12°C																	
CHECKED BY: <i>[Signature]</i>																	
REMARKS: Cool Center: 223441901 & 16601501																	
INSTRUMENT ID: 14582A																	
STANDARD: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Blank																	
COOL: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Initial																	
OBSERVED: <input checked="" type="checkbox"/> Observed <input type="checkbox"/> Temp: 18°C																	
CONNECTED: <input checked="" type="checkbox"/> Connected <input type="checkbox"/> Temp: 12°C																	



ANALYSIS REQUEST

Lab I.D.		Sample I.D.		Sample Depth (feet)	(G)RAB OR (C)OMP # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER	DATE	TIME	BTEX	TPH	CHLORIDE
1045192	ES14	1'	1					8/21/04	1315	/	/	/
1045193	ES15	1'	1						1330	/	/	/
1045194	ES16	1'	1						1340	/	/	/
1045195	ES17	1'	1						1345	/	/	/
1045196	ES18	1'	1						1350	/	/	/
1045197	ES19	1'	1						1355	/	/	/

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:

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: Jessica Dorman

Total Lab Use (Only)

BILL TO

P.O. #:

Company: XTO Energy Inc.

Attn: Amy Ruth

Address: 3104 E. Green St.

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth (feet)	CYRAB OR CYOMP	CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE						
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER								
17	ES 20	1'																			
18	ES 41																				
19	ES 22																				
20	ES 26																				
21	ES 27																				
22	ES 29																				
23	ES 30																				
24	ES 31																				
25	ES 32																				
26	ES 33																				

Cardinal Laboratories, Inc. warrants that the analysis was performed in accordance with the methods and procedures specified in the Chain of Custody and Analysis Request form. Cardinal Laboratories, Inc. does not warrant that the analysis was performed in accordance with the methods and procedures specified in the Chain of Custody and Analysis Request form. Cardinal Laboratories, Inc. does not warrant that the analysis was performed in accordance with the methods and procedures specified in the Chain of Custody and Analysis Request form.

Relinquished By:

Signature

Received By:

Signature

Relinquished By:

Date:

Received By:

Date:

Delivered By: (Cardinal Only)

Observed Temp: °C

Sample Condition

CHECKED BY:

Signature

Standard

Signature

Signature

Signature

Sampler - URS - Bus - Other:

Comments:

Signature

Signature

Signature

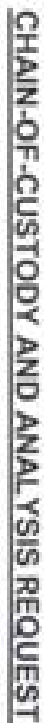
Signature

Signature

Signature

Signature

Cardinal cannot accept verbal changes. Please email changes to celysheene@cardinallab.com



ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth (feet)	(S)RAB OR (C)OMP	# CONTAINERS	MATRIX	PHO. SENS.	SAMPLE TYPE	DATE	TIME	BTEX	TPH	CHLORIDE
1045193	F334	1'	2	1	GROUNDWATER			8/26/04	1350			
	F333				WASTEWATER				1345			
	F332				SOIL				1336			
					OIL							
					SLUDGE							
					OTHER							
					ACID/BASE							
					ICE / COOL							
					OTHER							

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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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05		
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, 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
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05		
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05		
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	09/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 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
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05		
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54		
Total BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Enbridge, LLC		BILL TO		ANALYSIS REQUEST	
Project Manager: David Morris		P.O. #:			
Address: 3122 National Parks Hwy		Company: XTO Energy Inc.			
City: Carlsbad		Attn: Amy Ruff			
State: NM Zip: 88220		Address: 3104 E. Green St.			
Phone #: 409-454-3009 Fax #:		City: Carlsbad			
Project #: 00C1558318 & 00C1558482 Project Owner: XTO		State: NM Zip: 88220			
Project Name: PLU 20 Brushy Draw 124H & 105H		Phone #:			
Project Location: 32.11170, -103.90534		Fax #:			
Sample Name: Jesse Dorman					

FORM LAB USE ONLY		Lab I.D.	Sample I.D.	Sample Depth (feet)	(GRAB OR (COMP.)	# CONTAINERS	MATRIX						ACID/BASE	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	CHLORIDE
							GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								

Received By: <i>[Signature]</i>		Received By: <i>[Signature]</i>			
Relinquished By: <i>[Signature]</i>		Relinquished By: <i>[Signature]</i>			
Date: 1/23/2025		Date: 1/23/2025			
Time:		Time:			
Delivered By: (Circle One) Sampler - UPB - Bus - Other:	Temperature: 45 ~ 95 ~ Container Type: 9-94	Sample Condition: Cool <input checked="" type="checkbox"/> Hot <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Not <input type="checkbox"/>	CHC/MSD BT: (Initials) PD	Transported Time: 1/23/2025 15:10 Standard: 1520	Backfill (only) Sample Condition: Cool <input checked="" type="checkbox"/> Hot <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Not <input type="checkbox"/> Observed Temp. °C: Sealed Temp. °C:



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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, 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 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	213	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	202	101	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.14	107	2.00	1.05		
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	101	2.00	2.08		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.06	103	2.00	2.39		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.25	104	6.00	2.54		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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	
Chloride	192	16.0	09/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: 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
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, 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	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Enclon, LLC Project Manager: David McNamee Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 409-454-3009 Fax #: Project #: 03C155018 & 03C155042 Project Owner: XTO Project Name: PLU 20 Brushy Draw 12-4H & 105H Project Location: 32-11170, -103-90534 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. H2455 Sample I.D. 1555 1554 1553 1552 1551 1550 1549 1548 1547 1546 1545 1544 1543 1542 1541 1540 1539 1538 1537 1536 1535 1534 1533 1532 1531 1530 1529 1528 1527 1526 1525 1524 1523 1522 1521 1520 1519 1518 1517 1516 1515 1514 1513 1512 1511 1510 1509 1508 1507 1506 1505 1504 1503 1502 1501 1500 1499 1498 1497 1496 1495 1494 1493 1492 1491 1490 1489 1488 1487 1486 1485 1484 1483 1482 1481 1480 1479 1478 1477 1476 1475 1474 1473 1472 1471 1470 1469 1468 1467 1466 1465 1464 1463 1462 1461 1460 1459 1458 1457 1456 1455 1454 1453 1452 1451 1450 1449 1448 1447 1446 1445 1444 1443 1442 1441 1440 1439 1438 1437 1436 1435 1434 1433 1432 1431 1430 1429 1428 1427 1426 1425 1424 1423 1422 1421 1420 1419 1418 1417 1416 1415 1414 1413 1412 1411 1410 1409 1408 1407 1406 1405 1404 1403 1402 1401 1400 1399 1398 1397 1396 1395 1394 1393 1392 1391 1390 1389 1388 1387 1386 1385 1384 1383 1382 1381 1380 1379 1378 1377 1376 1375 1374 1373 1372 1371 1370 1369 1368 1367 1366 1365 1364 1363 1362 1361 1360 1359 1358 1357 1356 1355 1354 1353 1352 1351 1350 1349 1348 1347 1346 1345 1344 1343 1342 1341 1340 1339 1338 1337 1336 1335 1334 1333 1332 1331 1330 1329 1328 1327 1326 1325 1324 1323 1322 1321 1320 1319 1318 1317 1316 1315 1314 1313 1312 1311 1310 1309 1308 1307 1306 1305 1304 1303 1302 1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286 1285 1284 1283 1282 1281 1280 1279 1278 1277 1276 1275 1274 1273 1272 1271 1270 1269 1268 1267 1266 1265 1264 1263 1262 1261 1260 1259 1258 1257 1256 1255 1254 1253 1252 1251 1250 1249 1248 1247 1246 1245 1244 1243 1242 1241 1240 1239 1238 1237 1236 1235 1234 1233 1232 1231 1230 1229 1228 1227 1226 1225 1224 1223 1222 1221 1220 1219 1218 1217 1216 1215 1214 1213 1212 1211 1210 1209 1208 1207 1206 1205 1204 1203 1202 1201 1200 1199 1198 1197 1196 1195 1194 1193 1192 1191 1190 1189 1188 1187 1186 1185 1184 1183 1182 1181 1180 1179 1178 1177 1176 1175 1174 1173 1172 1171 1170 1169 1168 1167 1166 1165 1164 1163 1162 1161 1160 1159 1158 1157 1156 1155 1154 1153 1152 1151 1150 1149 1148 1147 1146 1145 1144 1143 1142 1141 1140 1139 1138 1137 1136 1135 1134 1133 1132 1131 1130 1129 1128 1127 1126 1125 1124 1123 1122 1121 1120 1119 1118 1117 1116 1115 1114 1113 1112 1111 1110 1109 1108 1107 1106 1105 1104 1103 1102 1101 1100 1099 1098 1097 1096 1095 1094 1093 1092 1091 1090 1089 1088 1087 1086 1085 1084 1083 1082 1081 1080 1079 1078 1077 1076 1075 1074 1073 1072 1071 1070 1069 1068 1067 1066 1065 1064 1063 1062 1061 1060 1059 1058 1057 1056 1055 1054 1053 1052 1051 1050 1049 1048 1047 1046 1045 1044 1043 1042 1041 1040 1039 1038 1037 1036 1035 1034 1033 1032 1031 1030 1029 1028 1027 1026 1025 1024 1023 1022 1021 1020 1019 1018 1017 1016 1015 1014 1013 1012 1011 1010 1009 1008 1007 1006 1005 1004 1003 1002 1001 1000 999 998 997 996 995 994 993 992 991 990 989 988 987 986 985 984 983 982 981 980 979 978 977 976 975 974 973 972 971 970 969 968 967 966 965 964 963 962 961 960 959 958 957 956 955 954 953 952 951 950 949 948 947 946 945 944 943 942 941 940 939 938 937							



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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

Sample ID: FS 63 2 (H245554-01)

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

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a light blue horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, 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 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, 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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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/13/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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



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

Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/13/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	221	111	200	5.63	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	218	109	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Escalator, LLC				P.O. #:				ANALYSIS REQUEST									
Project Manager: David McNelis				Company: XTO Energy Inc.													
Address: 3122 National Parks Hwy				Attn: Amy Ruth													
City: Carlsbad				Address: 3104 E. Green St.													
Phone #: 409-454-3009				State: NM Zip: 88220													
Fax #:				City: Carlsbad													
Project #: 03C1556318 & 03C1556482				Project Owner: XTO													
Project Name: PLU 20 Brushy Draw 124H & 105H				State: NM Zip: 88220													
Project Location: 32 11170, -103.90834				Phone #:													
Sample Name: Jessica Dorman				Fax #:													
Lab I.D.		Sample I.D.		Sample Depth (feet)		Matrix		Preserv		Sampling		BTEX		TPH		CHLORIDE	
H245555		S207		0-3		GROUNDWATER				DATE							
2		S208		0-3		WASTEWATER				TIME							
3		S209		0-2		SOIL				1335							
4		S210		0-2		OIL				1410							
5		S211		0-2		SLUDGE				1435							
6		S212		0-2		OTHER				1430							
7		S213		0-2		ACIDBASE				1435							
8		S214		0-2		ICE / COOL				1435							
9		S215		0-2		OTHER				1500							
10		S216		0-2						1505							
11		S217		0-2						1530							
12		S218		0-2						1530							
13		S219		0-2						1530							
14		S220		0-2						1530							
15		S221		0-2						1530							
16		S222		0-2						1530							
17		S223		0-2						1530							
18		S224		0-2						1530							
19		S225		0-2						1530							
20		S226		0-2						1530							
21		S227		0-2						1530							
22		S228		0-2						1530							
23		S229		0-2						1530							
24		S230		0-2						1530							
25		S231		0-2						1530							
26		S232		0-2						1530							
27		S233		0-2						1530							
28		S234		0-2						1530							
29		S235		0-2						1530							
30		S236		0-2						1530							
31		S237		0-2						1530							
32		S238		0-2						1530							
33		S239		0-2						1530							
34		S240		0-2						1530							
35		S241		0-2						1530							
36		S242		0-2						1530							
37		S243		0-2						1530							
38		S244		0-2						1530							
39		S245		0-2						1530							
40		S246		0-2						1530							
41		S247		0-2						1530							
42		S248		0-2						153							



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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.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/13/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/13/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/13/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13		
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, 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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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13		
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/16/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13		
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS43 3' (H245556-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS44 3' (H245556-14)

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS45 3' (H245556-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS46 3' (H245556-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13		
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/16/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS47 3' (H245556-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS41 3' (H245556-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS51 3' (H245556-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/16/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 09/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS52 3' (H245556-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.00	100	2.00	4.13	
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/16/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.5	200	2.26	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	204	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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(505) 293-2226 FAX (505) 293-2476

[illegible]



101 East Maryland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

October 07, 2024

DAVID MCINNIS

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 20 BRUSHY DRAW 124H & 105H

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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Analytical Results For:

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

Received: 10/04/2024
Reported: 10/07/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 10/04/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	10/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	10/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2024	ND	201	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	10/06/2024	ND	187	93.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	10/06/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2024
Reported: 10/07/2024
Project Name: PLU 20 BRUSHY DRAW 124H & 105H
Project Number: 03C1558318 & 03C1558482
Project Location: XTO 32.11170-103.90534

Sampling Date: 10/04/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2024	ND	2.17	108	2.00	0.572		
Toluene*	<0.050	0.050	10/05/2024	ND	2.09	104	2.00	0.966		
Ethylbenzene*	<0.050	0.050	10/05/2024	ND	2.13	106	2.00	1.26		
Total Xylenes*	<0.150	0.150	10/05/2024	ND	6.34	106	6.00	1.40		
Total BTEX	<0.300	0.300	10/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	10/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2024	ND	201	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	10/06/2024	ND	187	93.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	10/06/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to cely.kawaguchi@cardinalabstem.com

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

QUESTIONS

Action 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

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

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

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	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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Oil Conservation Division
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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

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

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

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

QUESTIONS, Page 3

Action 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	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/18/2024
On what date will (or did) the final sampling or liner inspection occur	10/04/2024
On what date will (or was) the remediation complete(d)	10/04/2024
What is the estimated surface area (in square feet) that will be reclaimed	15792
What is the estimated volume (in cubic yards) that will be reclaimed	875
What is the estimated surface area (in square feet) that will be remediated	15792
What is the estimated volume (in cubic yards) that will be remediated	940
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 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)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 01/23/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 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

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 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

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

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. "
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 01/23/2025

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QUESTIONS, Page 7

Action 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

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

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CONDITIONS

Action 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