



July 2, 2025

New Mexico Oil Conservation Division

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

**Re: Closure Request
Poker Lake DTD Pond
Incident Number nAPP2509828749
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 site assessment, excavation, and soil sampling activities at Poker Lake DTD Pond (Site). The purpose of the site assessment and soil sampling activities was to assess for 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 remedial activities that have occurred and requesting no further remediation for Incident Number nAPP2509828749.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit B, Section 20, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.208278°, -103.899306°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On April 7, 2025, human error on a production flow line resulted in the release of approximately 146 barrels (bbls) of produced water into the pasture. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 9 bbls of produced water were recovered. 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 April 8, 2025. The release was assigned Incident Number nAPP2509828749.

Since the release occurred in the pasture, XTO submitted a Form 3160-5 (Sundry Form) to the BLM to request access to the pasture soils on April 15, 2025. XTO received an approved Sundry Form, granting access to complete remediation, on April 16, 2025. The approved Sundry Form is presented in Appendix A.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On November 12, 2016, the New Mexico Office of State Engineer (OSE) permitted soil boring (C-3960) was advanced to a depth of 475 feet bgs via mud rotary drilling method. Groundwater was first encountered at 250 feet bgs. The borehole was located approximately 0.84 miles east of the Site. The well log and records are provided in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a dry wash located 206 feet to the west. 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 potentially unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On April 8, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the C-141 and visual observations. Six delineation soil samples (SS01 through SS06) were collected within the release extent from a depth of approximately 0.5 feet bgs. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix C.

On April 15, 2025, Ensolum personnel returned to the Site to complete delineation activities. Six delineation soil samples (SS07 through SS12) were collected around the release extent from a depth of approximately 0.5 feet bgs. Five delineation boreholes were advanced in the vicinity of SS01 and SS03 through SS06. One borehole (BH02) was advanced to the north of SS02 due to subsurface pipelines. All boreholes were advanced via hand auger to maximum depths of 3 feet bgs within the release extent. Discrete delineation soil samples were collected from each borehole at depths ranging from 0.5 feet to 3 feet bgs. Soil from the delineation boreholes was field screened for VOCs and chloride. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix D. The delineation soil sample locations are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): 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.

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Laboratory analytical results for delineation soil samples SS01/BH01 through SS06/BH06 indicated chloride concentrations exceeded Closure Criteria at depths ranging from 0.5 feet bgs to greater than 2 feet bgs. Based on the presence of chloride impacted soil, excavation activities were warranted.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between May 20 and June 13, 2025, Ensolum personnel were at the Site to oversee excavation activities and conduct confirmation soil sampling. Excavation activities were performed using heavy equipment. To direct excavation activities, Ensolum personnel screened soil for VOCs and chloride as described above. Following the 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. Confirmation soil samples FS01 through FS66 were collected from the floor of the excavation at depths ranging from 1-foot to 4.5 feet bgs. Confirmation sidewall soil samples SW01 through SW14 were collected from the sidewalls of the excavation at depths ranging from ground surface to 4 feet bgs. Confirmation soil samples CS01 through CS11 were collected at the surface from within the release extent where excavation activities did not occur. The excavation extent and confirmation soil sample locations are presented on Figure 3. The confirmation soil samples were collected, transported, and analyzed for the same COCs as described above at Cardinal in Hobbs, New Mexico.

The final excavation extent measured approximately 14,475 square feet. A total of approximately 1,280 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Halfway Disposal in Hobbs, New Mexico. Copies of the disposal manifests completed to date are included in Appendix E. The final excavation extent was backfilled with material purchased locally and recontoured to match pre-existing Site conditions. One representative 5-point composite sample (BF01) was collected from the topsoil backfill material on June 19, 2025. The backfill soil sample was transported under strict chain-of-custody procedures to Cardinal.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation soil samples collected indicated that all COC concentrations were compliant with the Closure Criteria. All delineation soil sample results that indicated COC concentrations exceeded Closure Criteria were removed by excavation activities. Laboratory analytical results for backfill soil sample BF01 confirmed compliance with reclamation requirements. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix F.

RECLAMATION PLAN

The Site will be seeded with BLM seed mix #2 for sandy sites at the rate specified in pounds of pure live seed (PLS) per acre.

Species/Cultivar	PLS/Acre
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Sands dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

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The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled and the seed will be raked in by chaining or dragging the Site. Reclamation activities will be documented via on-site monitoring and photographs will be included in a *Re-Vegetation Report*.

CLOSURE REQUEST

Site assessment, delineation and excavation activities were conducted at the Site to address the April 7, 2025, produced water release. Laboratory analytical results for all confirmation soil samples collected from the surface and final excavation extent indicated that all COC concentrations were compliant with the Closure Criteria. Based on the soil sample analytical results, no further remediation was required. The excavation was backfilled with material purchased locally and the Site recontoured to match pre-existing Site conditions.

A *Re-vegetation Report* will be submitted to the NMOCD once vegetation growth in the reclaimed pasture area has uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).

Excavation of soil has mitigated impacts at this Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2509828749.

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

Sincerely,
Ensolum, LLC

Chris Wright
Associate Geologist

Tacoma Morrissey
Associate Principal

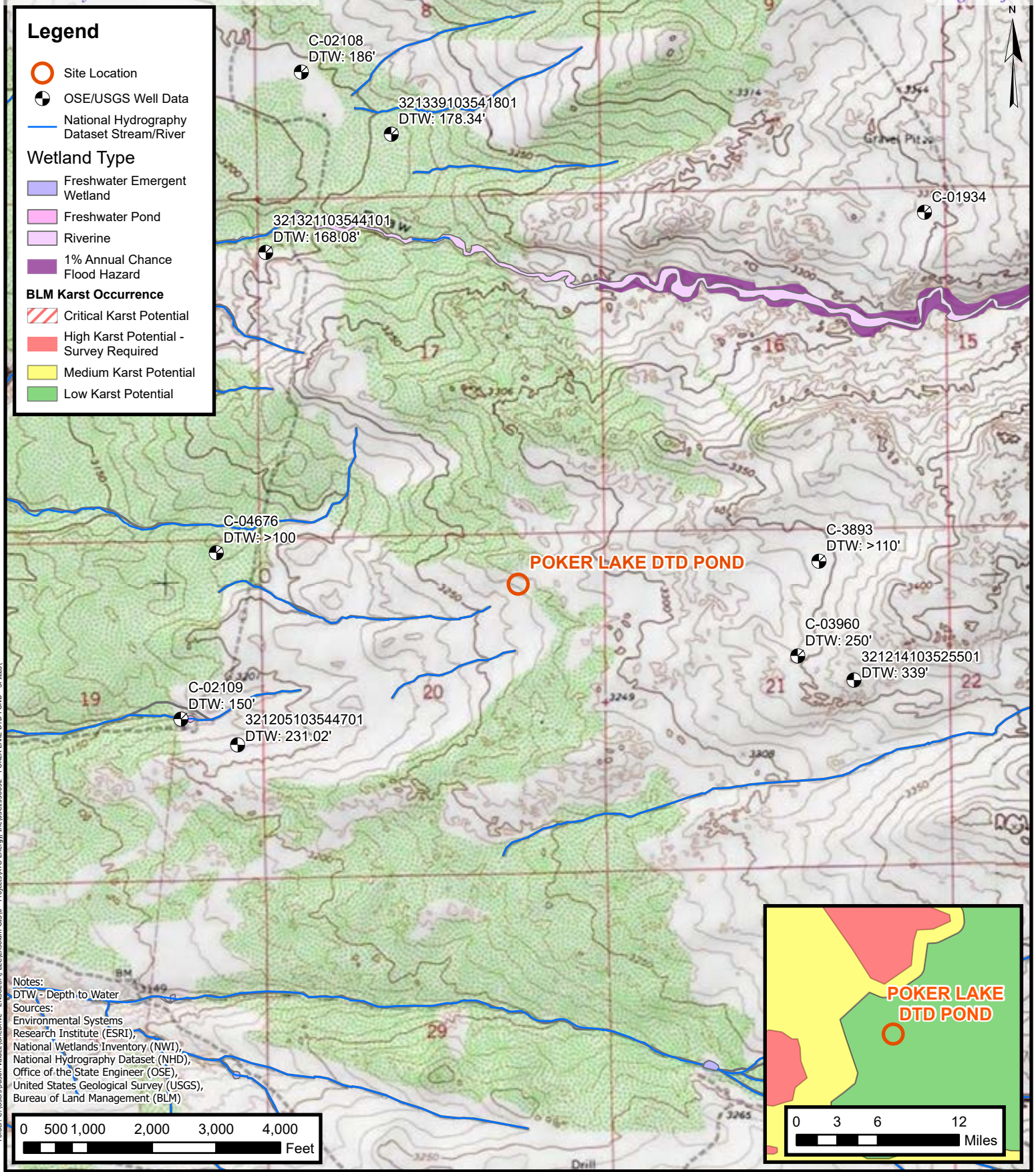
cc: Colton Brown, XTO
Kaylan Dirkx, XTO
BLM

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Confirmation Soil Sample Locations
- Table 1 Soil Sample Analytical Results
- Appendix A Land Access References
- Appendix B Referenced Well Records
- Appendix C Photographic Log
- Appendix D Lithologic / Soil Sampling Logs
- Appendix E Disposal Manifests
- Appendix F Laboratory Analytical Reports & Chain-of-Custody Documentation



FIGURES

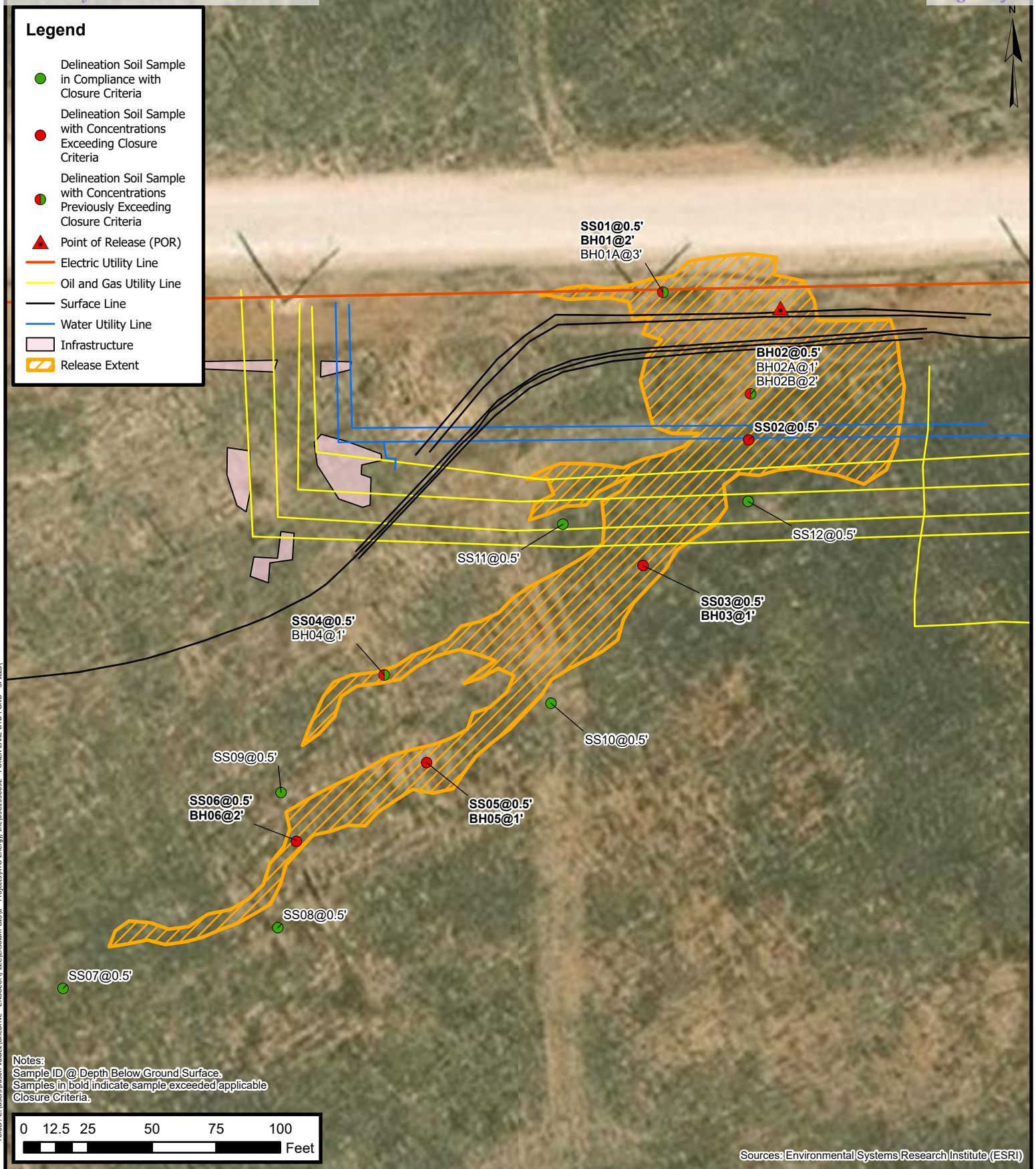


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Site Receptor Map
 XTO ENERGY, INC.
 POKER LAKE DTD POND
 Incident Number: nAPP2509828749
 Unit B, Section 20, T 24S, R 30E
 Eddy County, New Mexico

FIGURE
1



Delineation Soil Sample Locations

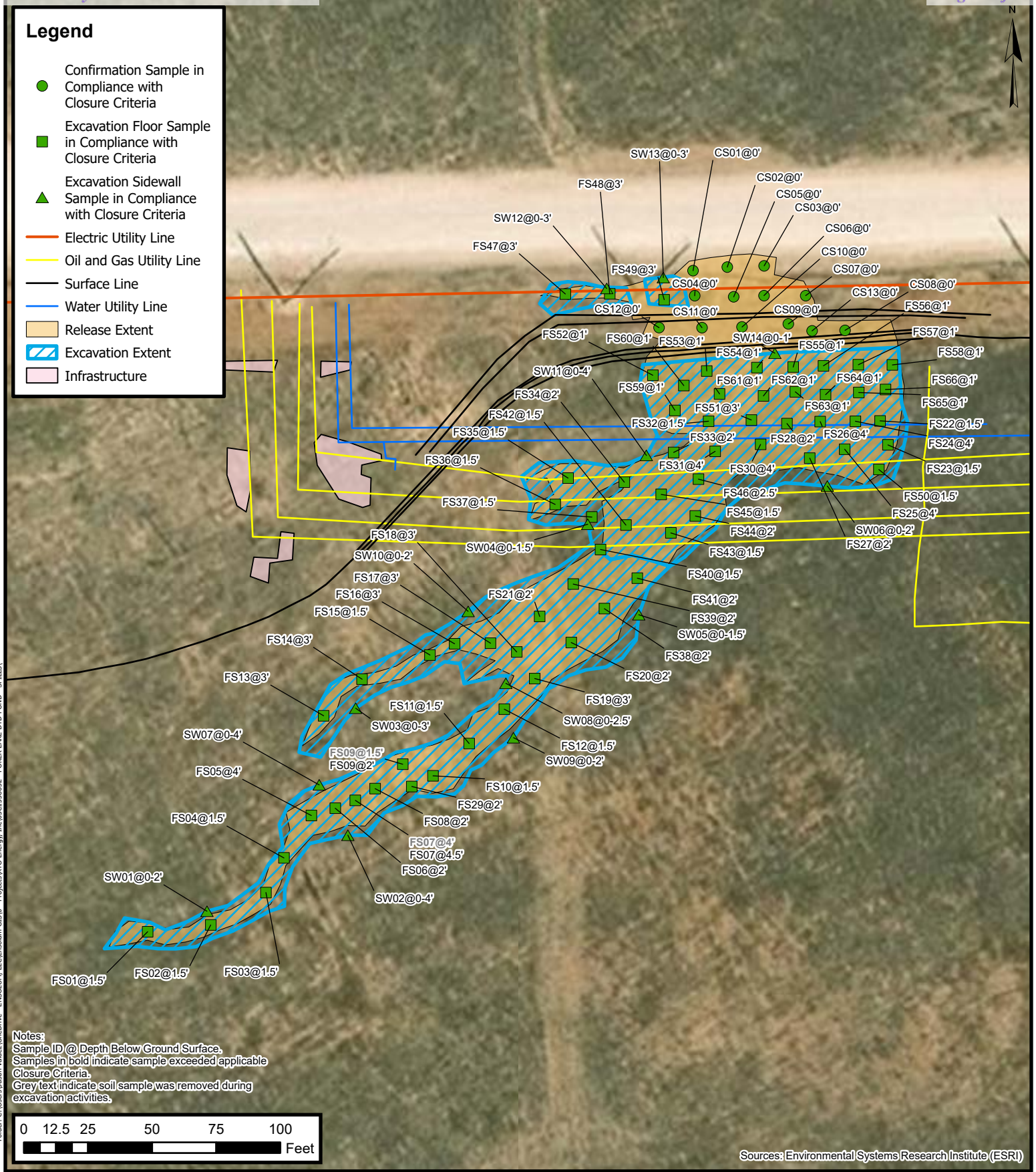
XTO ENERGY, INC.
 POKER LAKE DTD POND
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 Unit B, Section 20, T 24S, R 30E
 Eddy County, New Mexico

FIGURE

2

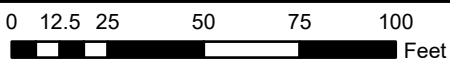
Legend

- Confirmation Sample in Compliance with Closure Criteria
- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Surface Line
- Water Utility Line
- Release Extent
- ▨ Excavation Extent
- Infrastructure



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



Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Location

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 Eddy County, New Mexico

FIGURE
 3





TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Poker Lake DTD Pond
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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)
NMOCDC Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	04/08/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,200
BH01	04/15/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
BH01A	04/15/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SS02	04/08/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,920
SS03	04/08/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,320
BH03	04/15/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
SS04	04/08/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,760
BH04	04/15/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS05	04/08/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,200
BH05	04/15/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
SS06	04/08/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,360
BH06	04/15/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
SS07	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS08	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS09	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS10	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS11	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS12	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BH02	04/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,000
BH02A	04/15/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
BH02B	04/15/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
Confirmation Soil Samples										
CS01	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS02	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS03	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS04	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS05	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS06	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS07	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS08	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS09	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160



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NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS10	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS11	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS12	06/12/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS13	06/13/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS01	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
FS02	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
FS03	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS04	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS05	05/27/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
FS06	05/22/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS07	05/27/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
FS07	06/02/2025	4.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS08	05/22/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
FS09	05/22/2025	4.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
FS09	05/29/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS10	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
FS11	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS12	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS13	05/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS14	05/27/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS15	05/22/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS16	05/27/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS17	05/27/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS18	05/27/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS19	05/27/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
FS20	05/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS21	05/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS22	05/28/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS23	05/28/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS24	06/09/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS25	06/09/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS26	06/09/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160



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	1,000	2,500	20,000
FS27	06/13/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS28	06/13/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS29	06/02/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS30	06/09/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS31	06/09/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS32	05/28/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS33	05/30/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS34	05/30/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS35	05/28/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS36	05/28/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS37	05/29/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS38	05/29/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS39	05/29/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS40	05/29/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS41	05/30/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS42	05/29/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS43	05/29/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS44	05/30/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS45	05/30/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS46	06/05/2025	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS47	06/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS48	06/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS49	06/12/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS50	06/02/2025	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS51	06/13/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS52	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS53	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS54	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS55	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS56	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS57	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS58	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Poker Lake DTD Pond
 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)
NMOCDC Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS59	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS60	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS61	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS62	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS63	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS64	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS65	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS66	06/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW01	05/27/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW02	05/27/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW03	05/27/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW04	05/30/2025	0-1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW05	05/30/2025	0-1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW06	05/30/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW07	05/30/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW08	05/30/2025	0-2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW09	05/30/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW10	05/30/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW11	06/09/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW12	06/10/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW13	06/12/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW14	06/13/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
Backfill Soil Sample										
BF01	06/19/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCDC: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCDC 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

Land Access References

Well Name: POKER LAKE UNIT 20 DTD	Well Location: T24S / R30E / SEC 20 / NWNE / 32.207598 / -103.901295	County or Parish/State: EDDY / NM
Well Number: 324H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM02860	Unit or CA Name: POKER LAKE UNIT	Unit or CA Number: NMNM71016X
US Well Number: 3001555030	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2847199

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 04/15/2025

Time Sundry Submitted: 06:28

Date proposed operation will begin: 04/16/2025

Procedure Description: XTO Permian Operating LLC (XTO) respectfully requests access to an off-pad pasture area in order to complete remediation activities related to an April 7, 2025, produced water release (NMOCD Incident Number nAPP2509828749). The release is associated with the Poker Lake DTD Pond facility and occurred from a surface lay-flat line at GPS: 32.208254, -103.899283. The release occurred near the edge of an active lease road and ran into a pasture area where delineation and excavation activities are needed. The nearest XTO well located on BLM land is Poker Lake Unit 20 DTD #324H, located approximately 0.12 miles west of where the release occurred. Heavy equipment (backhoe, trackhoe, front loader, hydrovacuum truck, and soil transport trucks) will be utilized to complete the remediation activities. After successful completion of remediation efforts, the disturbed areas will be backfilled and recontoured to match pre-existing conditions and re-seeded with recommended BLM seed mixture. Please see attached site map.

Surface Disturbance

Is any additional surface disturbance proposed?: Yes

Proposed Disturbance(acres): 6.2

Interim Reclamation (acres): 0.0

Long Term Disturbance (acres): 0.0

Surface Disturbance:

NOI Attachments

Procedure Description

Poker_Lake_DTD_Pond_Site_Map_20250415062642.pdf

Well Name: POKER LAKE UNIT 20
DTD

Well Location: T24S / R30E / SEC 20 /
NWNE / 32.207598 / -103.901295

County or Parish/State: EDDY /
NM

Well Number: 324H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM02860

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number:
NMNM71016X

US Well Number: 3001555030

Operator: XTO PERMIAN OPERATING
LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHERRY MORROW

Signed on: APR 15, 2025 06:25 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND

State: TX

Phone: (432) 218-3671

Email address: SHERRY.MORROW@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CRISHA A MORGAN

BLM POC Title: Environmental Protection Specialist

BLM POC Phone: 5752345987

BLM POC Email Address: camorgan@blm.gov

Disposition: Approved

Disposition Date: 04/16/2025

Signature: CRISHA A. MORGAN

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.	NMNM02860
6. If Indian, Allottee or Tribe Name	

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit of CA/Agreement, Name and/or No. POKER LAKE UNIT/NMNM71016X
2. Name of Operator XTO PERMIAN OPERATING LLC	8. Well Name and No. POKER LAKE UNIT 20 DTD/324H
3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,	9. API Well No. 3001555030
3b. Phone No. (include area code) (432) 683-2277	10. Field and Pool or Exploratory Area Purple Sage/Wolfcamp
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 20/T24S/R30E/NMP	11. Country or Parish, State EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

XTO Permian Operating LLC (XTO) respectfully requests access to an off-pad pasture area in order to complete remediation activities related to an April 7, 2025, produced water release (NMOCD Incident Number nAPP2509828749). The release is associated with the Poker Lake DTD Pond facility and occurred from a surface lay-flat line at GPS: 32.208254, -103.899283. The release occurred near the edge of an active lease road and ran into a pasture area where delineation and excavation activities are needed. The nearest XTO well located on BLM land is Poker Lake Unit 20 DTD #324H, located approximately 0.12 miles west of where the release occurred. Heavy equipment (backhoe, trackhoe, front loader, hydrovacuum truck, and soil transport trucks) will be utilized to complete the remediation activities. After successful completion of remediation efforts, the disturbed areas will be backfilled and recontoured to match pre-existing conditions and re-seeded with recommended BLM seed mixture. Please see attached site map.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) SHERRY MORROW / Ph: (432) 218-3671	Title Regulatory Analyst
Signature (Electronic Submission)	Date 04/15/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by CRISHA A MORGAN / Ph: (575) 234-5987 / Approved	Title Environmental Protection Specialist	Date 04/16/2025
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office CARLSBAD	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNE / 877 FNL / 1982 FEL / TWSP: 24S / RANGE: 30E / SECTION: 20 / LAT: 32.207598 / LONG: -103.901295 (TVD: 0 feet, MD: 0 feet)



PPP: SWSE / 100 FSL / 1391 FEL / TWSP: 24S / RANGE: 30E / SECTION: 17 / LAT: 32.210697 / LONG: -103.900928 (TVD: 10968 feet, MD: 11400 feet)

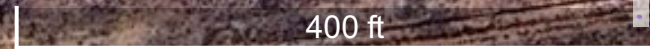
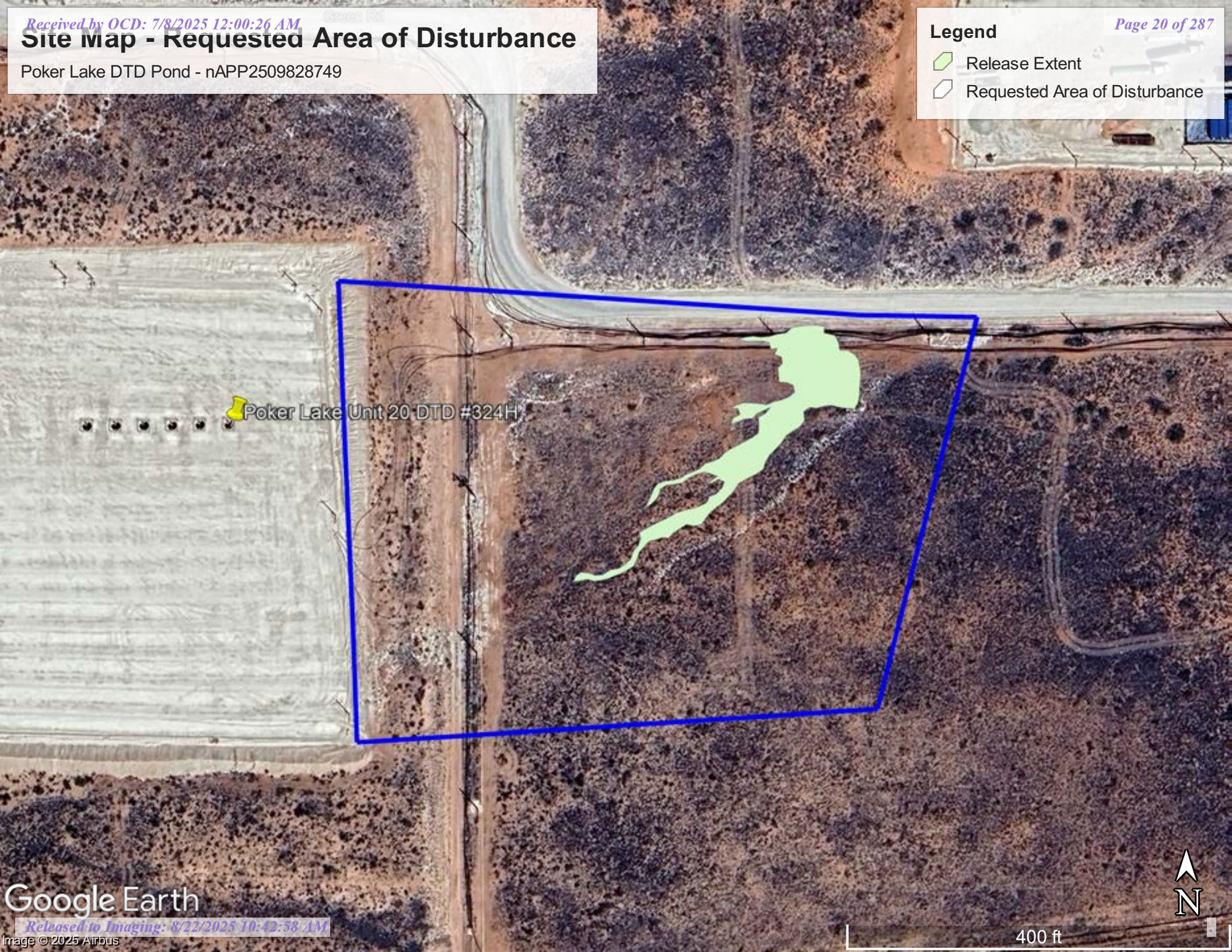
BHL: LOT G / 2430 FNL / 1393 FEL / TWSP: 25S / RANGE: 30E / SECTION: 5 / LAT: 32.268052 / LONG: -103.900935 (TVD: 10968 feet, MD: 32179 feet)

Site map - Requested Area of Disturbance

Poker Lake DTD Pond - nAPP2509828749

Legend

-  Release Extent
-  Requested Area of Disturbance





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 NUMBER (WELL NUMBER) 1				OSE FILE NUMBER(S) C-3960					
	WELL OWNER NAME(S) BUREAU OF LAND MANAGEMENT				PHONE (OPTIONAL)					
	WELL OWNER MAILING ADDRESS 620 E. GREENE STREET				CITY CARLSBAD		STATE NM		ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES		MINUTES		SECONDS		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE		103		53				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SECTION 21 TOWNSHIP 24 S. RANGE 30 S.										

2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1753		NAME OF LICENSED DRILLER JACOBO FRIESEN				NAME OF WELL DRILLING COMPANY VANGUARD WATER WELLS			
	DRILLING STARTED 11-12-16		DRILLING ENDED 11-12-16		DEPTH OF COMPLETED WELL (FT) 475		BORE HOLE DEPTH (FT) 475		DEPTH WATER FIRST ENCOUNTERED (FT) 250	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)								STATIC WATER LEVEL IN COMPLETED WELL (FT) 201	
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:									
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:									
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
	FROM	TO								
	0	250	11	STEEL BLANK	THREAD	6	.322			
	250	290	11	STEEL SCREEN	THREAD	6	.25	.030		
	290	395	11	STEEL BLANK	THREAD	6	.322			
395	435	11	STEEL SCREEN	THREAD	6	.25	.030			
435	475	11	STEEL BLANK	THREAD	6	.322				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	20	11	CONCRETE	9	POURED
	20	220	11	3/8 GRAVEL	93	POURED
	220	310	11	SILCA SAND	41	POURED
	310	370	11	3/8 GRAVEL	28	POURED
	370	475	11	SILCA SAND	48	POURED

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 10/29/15)			
FILE NUMBER	C-3960	POD NUMBER	1	TRN NUMBER	588952
LOCATION	24.30.21.23				PAGE 1 OF 2

	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			Y	N	
4. HYDROGEOLOGIC LOG OF WELL	0	1	1	TOPSOIL	Y	✓ N	
	1	42	41	SAND	Y	✓ N	
	42	182	140	SAND & SANDSTONE	Y	✓ N	
	182	250	68	SAND & GRAVEL	✓ Y	N	
	250	402	152	FINE SAND	Y	✓ N	
	402	460	58	SAND & GRAVEL	✓ Y	N	
	460	475	15	RED CLAY	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):	
					2016 NOV 17 PM 3:53 0.00		
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:						
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:						
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 20 DAYS AFTER COMPLETION OF WELL DRILLING:						
					JACOBO FRIESSEN		11-16-16
SIGNATURE OF DRILLER / PRINT SIGNED NAME						DATE	

STATE ENGINEER OFFICE
 ROSWELL, NEW MEXICO

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 10/29/2015)	
FILE NUMBER	C-3960	POD NUMBER	4
LOCATION	24.30.21.231	TRN NUMBER	588952
			PAGE 2 OF 2



APPENDIX C
Photographic Log



Photographic Log
 XTO Energy, Inc
 Poker Lake DTD Pond
 nAPP2509828749



Photograph: 1 Date: 4/8/2025
 Description: Initial release
 View: Southeast



Photograph: 2 Date: 4/8/2025
 Description: Initial release
 View: South



Photograph: 3 Date: 5/22/2025
 Description: Excavation activities; near FS15
 View: Southwest



Photograph: 4 Date: 5/23/2025
 Description: Excavation activities; near FS21
 View: Southeast



Photographic Log
XTO Energy, Inc
Poker Lake DTD Pond
nAPP2509828749



Photograph: 5 Date: 5/23/2025
Description: Excavation activities; near FS04
View: Southwest

Photograph: 6 Date: 5/28/2025
Description: Excavation activities; near FS36
View: Northeast



Photograph: 7 Date: 5/29/2025
Description: Excavation activities; near FS21
View: Southwest

Photograph: 8 Date: 5/29/2025
Description: Excavation activities; near FS39
View: Northeast



Photographic Log
XTO Energy, Inc
Poker Lake DTD Pond
nAPP2509828749



Photograph: 9 Date: 6/2/2025
Description: Excavation Activities; near FS07
View: Northeast

Photograph: 10 Date: 6/10/2025
Description: Excavation activities; near FS47
View: West




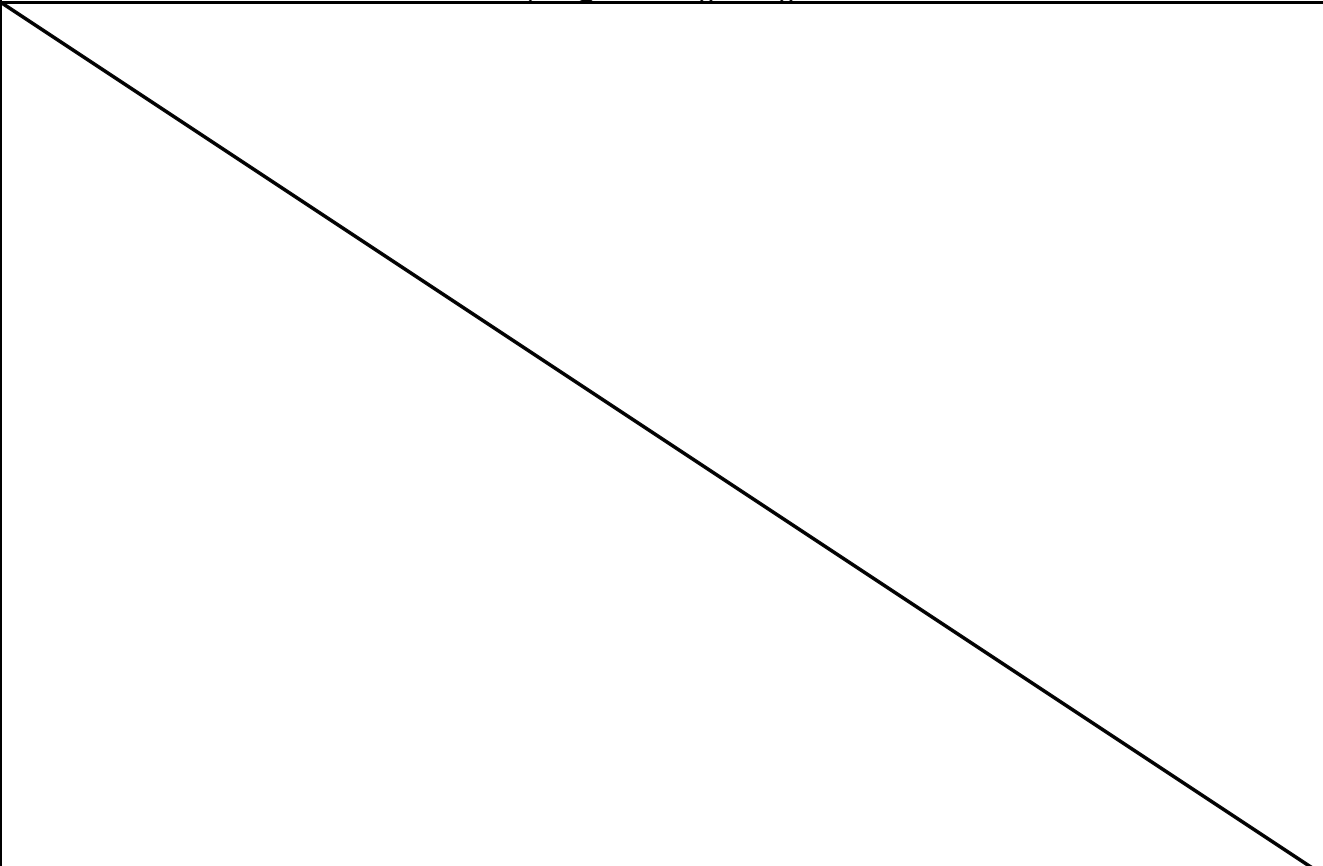
Photograph: 11 Date: 6/19/2025
Description: Backfilled excavation
View: East


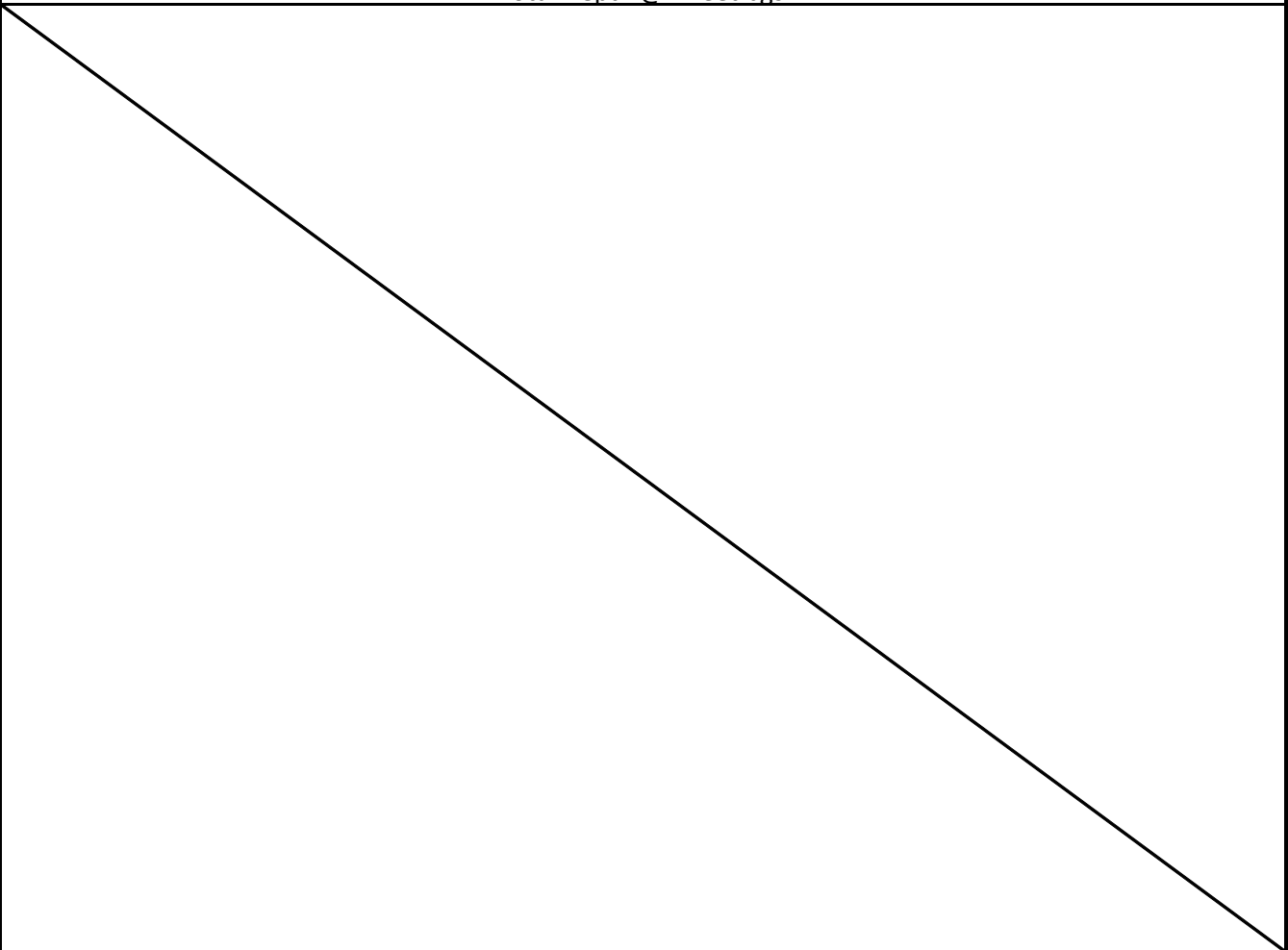
Photograph: 12 Date: 6/19/2025
Description: Backfilled excavation
View: Southwest


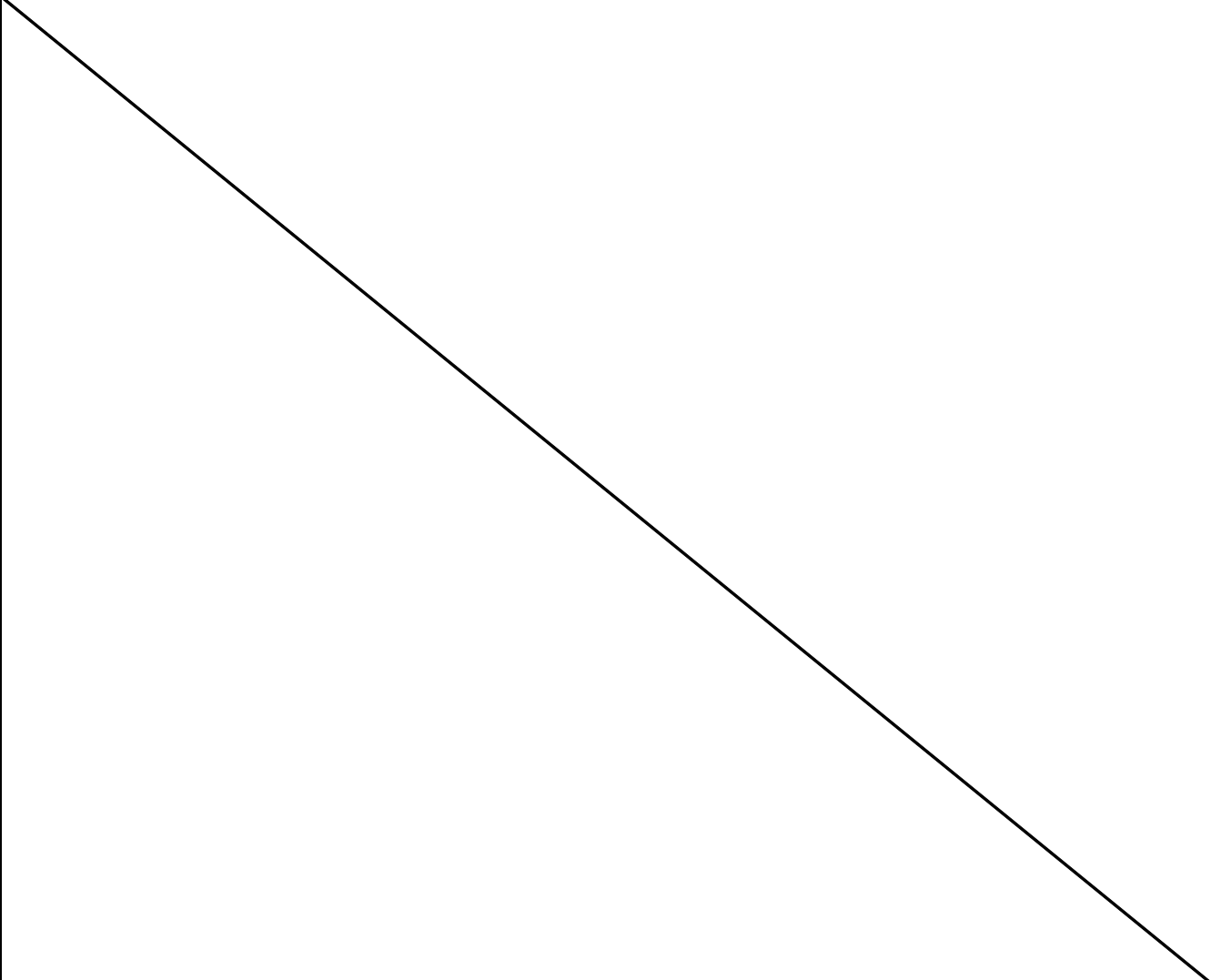



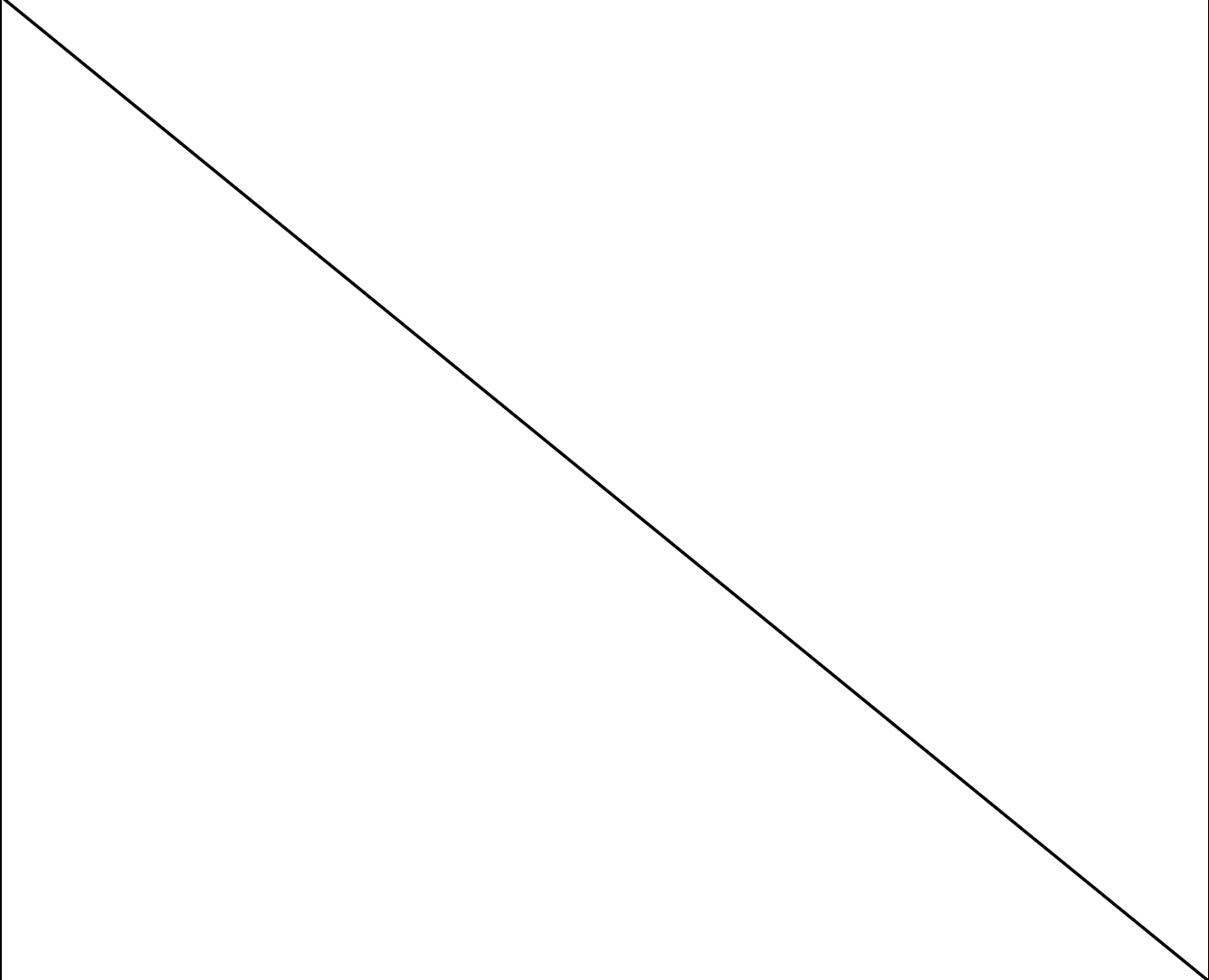
APPENDIX D


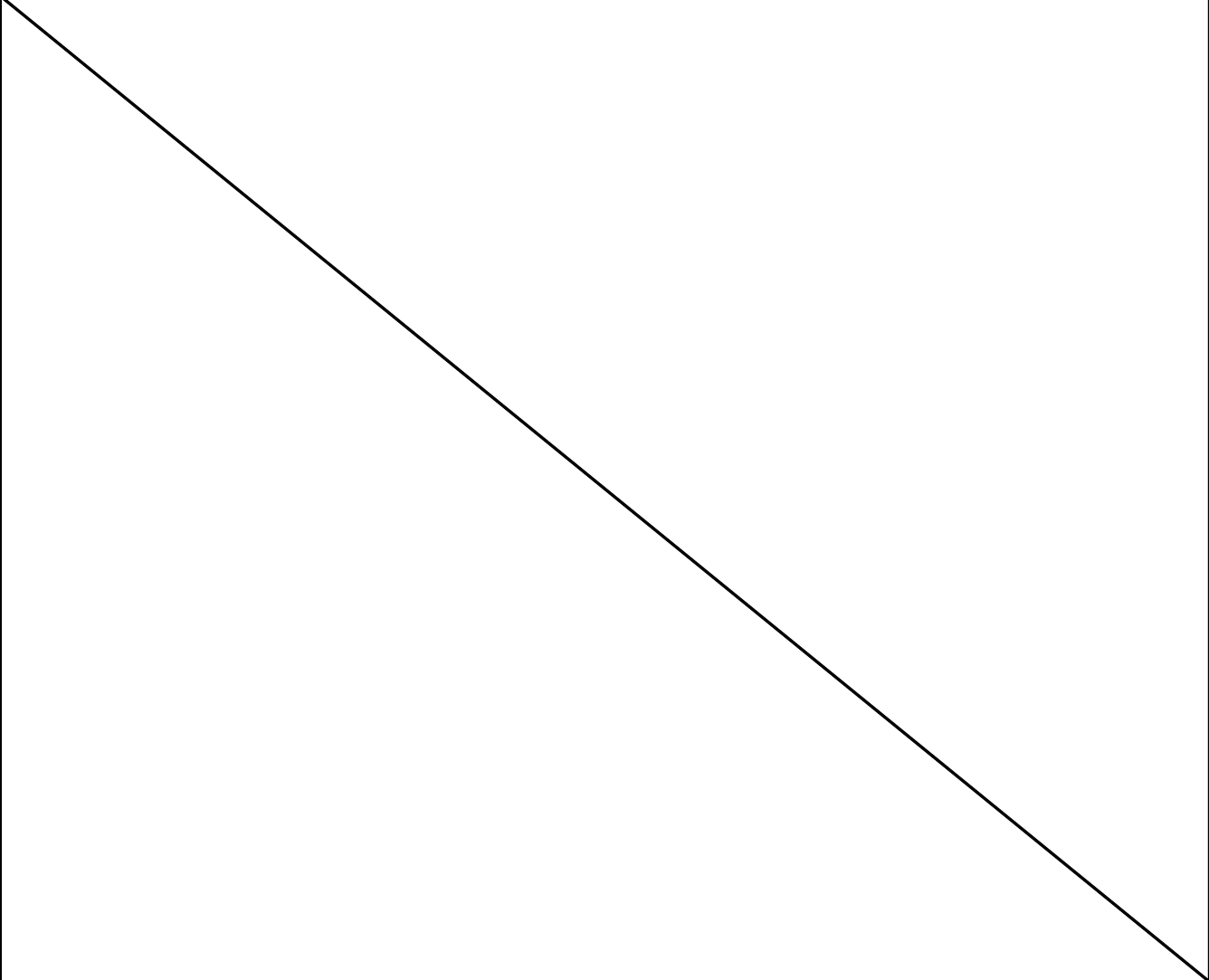
Lithologic Soil Sampling Logs


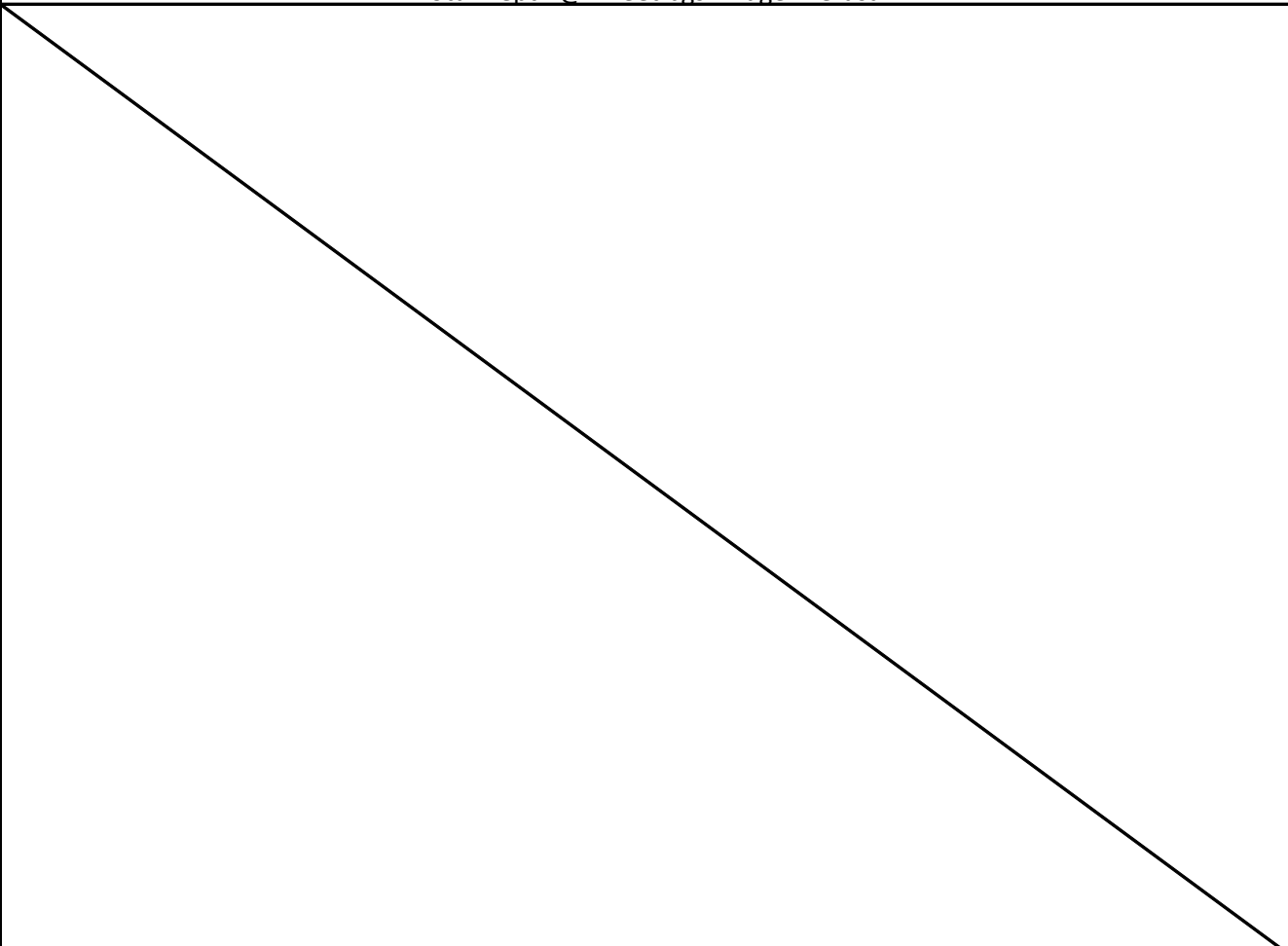
					Sample Name: BH01		Date: 4/15/2025	
					Site Name: Poker Lake DTD Pond			
					Incident Number: nAPP2509828749			
					Job Number: 03C1558652			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CW		Method: Hand Auger	
Coordinates: 32.208273, -103.899425					Hole Diameter: 4"		Total Depth: 3'	
Comments: 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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	6,641	2.5	N	SS01	0.5	0	SP	(0-4') SAND, red-brown, very fine with some silt, trace caliche clasts ~1 -2mm, white, consolidated
D	1,825	0.3	N		1	1		
D	576	0.3	N	BH01	2	2		
D	414	0	N	BH01A	3	3		
Total Depth @ 3 feet bgs - Auger Refusal								
								

					Sample Name: BH02		Date: 4/15/2025	
					Site Name: Poker Lake DTD Pond			
					Incident Number: nAPP2509828749			
					Job Number: 03C1558652			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CW		Method: Hand Auger	
Coordinates: 32.208159, -103.899301					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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	626	0.0	N	BH02	0.5	0	SP	(0-2') SAND, red-brown, very fine with some silt, trace caliche clasts ~1 -2mm, white, consolidated
D	464	0.0	N	BH02A	1	1		
D	235	0.0	N	BH02B	2	2		
Total Depth @ 2 feet bgs								
								

					Sample Name: BH03		Date: 4/15/2025	
					Site Name: Poker Lake DTD Pond			
					Incident Number: nAPP2509828749			
					Job Number: 03C1558652			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CW		Method: Hand Auger	
Coordinates: 32.207979, -103.899452					Hole Diameter: 4"		Total Depth: 1'	
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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	8,422	1.0	N	SS03	0.5	0	SP	(0-1') SAND, red-brown, very fine, some silt, trace caliche clasts ~ 1 - 2mm, white consolidated consolidated
D	940	0.0	N	BH03	1	1		
Total Depth @ 1-foot bgs - Auger Refusal								
								

					Sample Name: BH04		Date: 4/15/2025	
					Site Name: Poker Lake DTD Pond			
					Incident Number: nAPP2509828749			
					Job Number: 03C1558652			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CW		Method: Hand Auger	
Coordinates: 32.207865, -103.899780					Hole Diameter: 4"		Total Depth: 1'	
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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	2,133	0.5	N	SS04	0.5	0	SP	(0-1') SAND, red-brown, very fine, with some silt, trace caliche clasts, ~1 - 2mm, white, consolidated
D	<168	0.0	N	BH04	1	1		
Total Depth @ 1-foot bgs								
								

					Sample Name: BH05		Date: 4/15/2025	
					Site Name: Poker Lake DTD Pond			
					Incident Number: nAPP2509828749			
					Job Number: 03C1558652			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CW		Method: Hand Auger	
Coordinates: 32.207769, -103.899725					Hole Diameter: 4"		Total Depth: 1'	
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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	2,861	0.4	N	SS05	0.5	0	SP	(0-1') SAND, red-brown, very fine with some silt, trace caliche clasts ~1 -2mm, white, consolidated
D	200	0.0	N	BH05	1	1		
Total Depth @ 1-foot bgs								
								

				Sample Name: BH06		Date: 4/15/2025		
				Site Name: Poker Lake DTD Pond				
				Incident Number: nAPP2509828749				
				Job Number: 03C1558652				
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: CW		Method: Hand Auger		
Coordinates: 32.207603, -103.899983				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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	7,778	0.5	N	SS06	0.5	0	SP	(0-2') SAND, red-brown, very fine with some silt, trace caliche clasts ~1 -2mm, white, consolidated
D	1,713	0.0	N		1	1		
D	1,366	0.0	N	BH06	2	2		
Total Depth @ 2 feet bgs - Auger Refusal								
								



Appendix E
Disposal Manifests

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man L Name Kent Retz Phone No. _____

GENERATOR

NO. **HW-762969**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. EW 7025 / 6197 / AP-01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Belly Dump</u>	
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Muds	_____		Produced Water (Non-Injectable)	_____		
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____		
Produced Formation Solids	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES			
Tank Bottoms	_____		Truck Washout (exempt waste)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	QUANTITY _____	TOP SOIL _____
E&P Contaminated Soil	_____	WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES				
Gas Plant Waste	_____					

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 70 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services Driver's Name David Palmer
Address _____ Print Name _____
Phone No. _____ Phone No. _____
Transporter Ticket # _____ Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/27/25 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 5/27/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Guage	Feet _____	Inches _____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Guage	_____	_____	Free Water	_____	_____	_____
Received	_____	_____	Total Received	_____	_____	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature] DATE 5/27/25 TITLE [Signature] SIGNATURE [Signature]

NEW MEXICO NON-HAZARDOUS-OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man... Name Kent R + Z Phone No. _____

GENERATOR

NO. **HW-762968**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Eddy
API No. _____
Rig Name & No. _____
AFE/PO No. EW 7025 16197 (M.D.)

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Belly Dump</u>	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 30 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. TS1

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/27/25 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 5/27/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one) ACCEPTED 5/27/25 Adrian [Signature]
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Kent Ratz

Phone No.:

GENERATOR

NO. HW-762967

Generator Manifest #
Generator Name: XTU
Address:
City, State, Zip:
Phone No.:

Location of Origin: PLU 25 DTD Pond
Name & No.:
County: Eddy
API No.:
Rig Name & No.: EW7025.16197.A.P.01
AFE/PO No.:

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, NON-INJECTABLE WATERS, OTHER EXEMPT E&P WASTE STREAMS, INTERNAL USE ONLY, and TOP SOIL & CALICHE SALES. Includes handwritten entries like 'Belly Dump' and 'YES NO'.

WASTE GENERATION PROCESS: [] DRILLING [] COMPLETION [] PRODUCTION [] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS, L - LIQUID, Y - YARDS (handwritten 20), E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations.
MSDS Information
RCRA Hazardous Waste Analysis
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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE, DATE, SIGNATURE

TRANSPORTER

Transporter's Name: Hobbs services
Address:
Phone No.:
Transporter Ticket #:

Driver's Name: David Palmer
Print Name:
Phone No.:
Truck No.: TCI

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: 5/27/25, DRIVER'S SIGNATURE: David Palmer, DELIVERY DATE: 5/27/25, DRIVER'S SIGNATURE: David Palmer

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT: Name/No. 28

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?

NAME (PRINT): DATE: TITLE: SIGNATURE:

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man... Name: [Signature] Phone No.:

GENERATOR

NO. HW-762860

Generator Manifest # Generator Name Address City, State, Zip Phone No.

Location of Origin Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, INTERNAL USE ONLY, OTHER EXEMPT E&P WASTE STREAMS, TOP SOIL & CALICHE SALES.

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations.
MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Address Phone No. Transporter Ticket #

Driver's Name Print Name Phone No. Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER SIGNATURE DELIVERY DATE DRIVER SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT:

Name/No.

Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO If YES, was reading > 50 micro roentgen? (Circle One) YES NO

TANK BOTTOMS

Table with columns for 1st Gauge, 2nd Gauge, Received, Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man C
Name Ken Peltz
Phone No. _____



(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. **HW-743943**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. P24 DTD Pond
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	Soil	Polly Dow
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY 40 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halsco Driver's Name Dave Mott
Address _____ Print Name _____
Phone No. _____ Phone No. _____
Transporter Ticket # _____ Truck No. T-49

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5-27-25 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 5-27-25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Gauge	_____	_____	Free Water	_____		
Received	_____	_____	Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature] DATE [Signature] TITLE [Signature] SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man C Name Paul R. Tate Phone No. _____

GENERATOR

NO. **HW-743942**

Generator Manifest # _____
Generator Name XXTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. PLU PTD Pond
County _____
API No. _____
Rig Name & No. HW 705 HW 7 (AD01)
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>5 cu ft</u> <u>Bally Ponds</u>			
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____				
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____				
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____				
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY 77 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name H2O Driver's Name ONE MAN
Address _____ Print Name _____
Phone No. _____ Phone No. _____
Transporter Ticket # _____ Truck No. 7-49

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5-27-25 DRIVER'S SIGNATURE _____ DELIVERY DATE 5-27-25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 78

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) Steve DATE 5/27/25 TITLE Am SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man C. Best Rob
Name Best Rob
Phone No. _____



(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. **HW-743941**

Generator Manifest # _____
Generator Name YTC
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. XTD-PLU DTD Prod
County _____
API No. _____
Rig Name & No. H2V 2025, 6197, Cap. 01
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____		
Water Based Muds	_____		
Water Based Cuttings	_____		
Produced Formation Solids	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
Tank Bottoms	_____		
E&P Contaminated Soil	_____		
Gas Plant Waste	_____	Truck Washout (exempt waste)	YES _____ NO _____
		QUANTITY	TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY 70 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name HAL...
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name ...
Print Name _____
Phone No. _____
Truck No. T-44

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5-27-25 DRIVER'S SIGNATURE _____ DELIVERY DATE 5-27-25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>28</u>
------------------------------------------	-------------------	--------------------------------------

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge	_____	_____	_____	_____
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED _____ If denied, why? _____
NAME (PRINT) ... DATE 5/27/25 TITLE ... SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Mark Carr

Phone No. _____

GENERATOR

NO. **HW-760040**

Generator Manifest # _____ Location of Origin _____
 Generator Name XTO Name & No. XTO P/O DTD P/O
 Address _____ County _____
 City, State, Zip _____ API No. _____
 Phone No. _____ Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>2000</u>		
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____			
Water Based Cuttings _____		Produced Water (Non-Injectable) _____			
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____				
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES		
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES _____ NO <u>(X)</u>	QUANTITY _____	TOP SOIL _____	CALICHE _____
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 (Y - YARDS) E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Helix Services Driver's Name Stephen...
 Address _____ Print Name _____
 Phone No. _____ Phone No. _____
 Transporter Ticket # _____ Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>28</u>
------------------------------------------	-------------------	--------------------------------------

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
 Address 6601 Hobbs Hwy US 62 / 100 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO (X) If YES, was reading > 50 micro roentgens? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO (X)

TANK BOTTOMS

1st Gauge _____ Feet _____ Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____	Free Water _____	
Received _____	Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Ap
Algencha P NAME (PRINT) Stephen DATE Adrian TITLE Ap SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name H. J. ...

Phone No. _____

GENERATOR

NO. **HW-760038**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well _____
Name & No. XTO PHU DTD 9-01
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Earth, Dreg</u>		
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____			
Water Based Muds	_____		Produced Water (Non-Injectable)	_____			
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____			
Produced Formation Solids	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES				
Tank Bottoms	_____		Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL
E&P Contaminated Soil	_____						
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 (Y - YARDS) E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name H. J. ...
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Steph ...
Print Name _____
Phone No. 752
Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 5-22-25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kevin Ariz

Phone No. _____

GENERATOR

NO. **HW-760039**

Generator Manifest # _____
Generator Name X70
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. X70 P4 DED Field
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____		
Water Based Muds	_____		
Water Based Cuttings	_____		
Produced Formation Solids	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____		
Gas Plant Waste	_____		
Truck Washout (exempt waste)		YES _____ NO <u>(X)</u>	QUANTITY _____ TOP SOIL _____ CALICHE _____
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES			

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLPL Ignitability Corrosivity and Reactivity).
Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 (Y - YARDS) E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Hobbs Service
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Stephen Kinney
Print Name _____
Phone No. _____
Truck No. T12

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES (X) NO
PASS THE PAINT FILTER TEST? (Circle One) YES (X) NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge	_____	_____	_____	_____
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one):
Alexandra (NAME PRINT) 5/22/05 (DATE) ADW (TITLE) AP (SIGNATURE)
ACCEPTED DENIED If denied, why?

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Co. Ken + Kets
Name Ken + Kets
Phone No. _____

(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. **HW- 756880**

Generator Manifest # X70
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PKC DTD Panel
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____				
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____				
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____				
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____				
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID 20 Y - YARDS _____ E - EACH _____

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Hale Sources
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Kevin R. Forlines
Print Name _____
Phone No. 746 PD-03
Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 5-27-25

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Guage	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Guage	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one) ACCEPTED 5/27/25 DENIED If denied, why? Actual
NAME (PRINT) Alexandra P DATE _____ TITLE _____ SIGNATURE AP

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Cl. Paul Ketz
Name Paul Ketz
Phone No. _____

GENERATOR

NO. **HW-756882**

Generator Manifest # _____ Location of Origin _____
 Generator Name X70 Lease/Well _____
 Address _____ Name & No. PLC OTO Road
 _____ County _____
 _____ API No. _____
 City, State, Zip _____ Rig Name & No. _____
 Phone No. _____ AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS				
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Belly</u>			
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Cuttings _____		Produced Water (Non-Injectable) _____				
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	INTERNAL USE ONLY				
Tank Bottoms _____	Truck Washout (exempt waste) YES _____ NO _____			QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil _____						
Gas Plant Waste _____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field 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)

MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Atla Services Driver's Name Kevin R. Fortnes
 Address _____ Print Name _____
 Phone No. _____ Phone No. 746 8400
 Transporter Ticket # _____ Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 5-27-25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____ DISPOSAL FACILITY RECEIVING AREA Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
 Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one) ACCEPTED 5/27/25 Atla AT
 NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kevin R. Follmer

Phone No. _____

GENERATOR

NO. **HW-762962**

Generator Manifest # _____
Generator Name X 70
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PHU OTO Point
County _____
API No. _____
Rig Name & No. How 2025 16177 5/2/24
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Polly</u> <u>46</u> TOP SOIL & CALICHE SALES QUANTITY _____ TOP SOIL _____ CALICHE _____		
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____			
Water Based Cuttings _____		Produced Water (Non-Injectable) _____			
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____				
Tank Bottoms _____	INTERNAL USE ONLY				
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES _____	NO _____		
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 (Y-YARDS) E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Hale Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Kevin R. Follmer
Print Name _____
Phone No. 746 2103
Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 5-29-25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

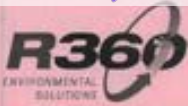
NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? AP
Alexandra P 5/29/25 ADM _____
NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Ken Ritz

Phone No. _____

GENERATOR

NO. HW-762971

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU BTD Pswd
County Edm
API No. _____
Rig Name & No. _____
AFE/PO No. EW5025-1697.CAP.01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dump</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____		
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
E&P Contaminated Soil _____	Truck Washout (exempt waste) YES <u>NO</u>	QUANTITY _____	TOP SOIL _____ CALICHE _____
Gas Plant Waste _____			

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 20 E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. TS1

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below

SHIPMENT DATE 5/28/25 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 5/28/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLS Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man [unclear]



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Ken Zoltz

Phone No. _____

GENERATOR

NO. **HW-762970**

Generator Manifest # _____
Generator Name X70
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Elley
API No. _____
Rig Name & No. _____
AFE/PO No. EW 2025 16197 CAP 01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Belly Dump</u>	
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Muds	_____		Produced Water (Non-Injectable)	_____		
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____		
Produced Formation Solids	_____		INTERNAL USE ONLY			
Tank Bottoms	_____	Truck Washout (exempt waste)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil	_____					
Gas Plant Waste	_____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 70 E - EACH _____

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT. Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
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 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Holo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/28/25 DRIVER'S SIGNATURE [Signature]

DELIVERY DATE 5/28/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Gauge	_____	_____	Free Water	_____		
Received	_____	_____	Total Received	_____		

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? ADW AP
NAME (PRINT) Alegrecha P DATE 5/28/25 TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Keith Kretz

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Keith Kretz

Phone No. _____

GENERATOR

NO. **HW-762972**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Eddy
API No. _____
Rig Name & No. _____
AFE/PO No. EW 2025-16197.CAP.D1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Belly Dump</u>		
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____			
Water Based Cuttings _____		Produced Water (Non-Injectable) _____			
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____	INTERNAL USE ONLY		QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil <u>✓</u>	Truck Washout (exempt waste)	YES	NO <u>○</u>		
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE 5/28/25 DRIVER'S SIGNATURE David Palmer DELIVERY DATE 5/28/25 DRIVER'S SIGNATURE David Palmer

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) Keith Kretz DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Ken Katz
Name Ken Katz
Phone No. _____

GENERATOR

NO. **HW-762973**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Edmi
API No. _____
Rig Name & No. _____
AFE/PO No. FW 7025 16197 1AP 01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dump</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____		
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES _____	NO <u>(circled)</u>
Gas Plant Waste _____		QUANTITY _____	TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 70 E - EACH _____

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Holo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/28/25 DRIVER'S SIGNATURE David Palmer

DELIVERY DATE 5/28/25 DRIVER'S SIGNATURE David Palmer

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 78

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one)

ACCEPTED DENIED _____ If denied, why? _____
NAME (PRINT) Shane DATE 5/28/25 TITLE AP SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Name: Kent Ratz
Name: Kent Ratz
Phone No: 575 393 1079

GENERATOR

NO. HW-761961

Generator Manifest # _____
Generator Name: XTO ENERGY INC.
Address: ATE # 100025-16197 CAROL
City, State, Zip: _____
Phone No: CC # 2292 96 1001

Location of Origin
Lease/Well Name & No.: Poker Lake Unit DDD PM
County: _____
API No.: GTCM #4750 200
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Belly Dump</u>	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	YES _____ NO <u>_____</u>	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 20 E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information
- RCRA Hazardous Waste Analysis
- 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 05/28/25

SIGNATURE _____

TRANSPORTER

Transporter's Name: Two Nations LLC
Address: 1937 Woodhoady
Phone No: _____
Transporter Ticket #: _____

Driver's Name: Missael Rodriguez
Print Name: _____
Phone No: _____
Truck No: U-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 05/28/25

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. _____

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES (X) NO _____
PASS THE PAINT FILTER TEST? (Circle One) YES (X) NO _____
If YES, was reading > 50 micro roentgens? (Circle One) YES _____ NO _____

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED (X) DENIED _____ If denied, why? _____

NAME (PRINT) _____

DATE 5/28

TITLE _____

SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Reitz

Phone No. 575 393 6179

GENERATOR

NO. HW-765555

Generator Manifest # _____
Generator Name XTO ENERGY INC
Address ATC # 2W2025-16197-01P-01
City, State, Zip _____
Phone No. CC# 229296 1001

Location of Origin _____
Lease/Well _____
Name & No. Poker Lake Unit D10 P110
County _____
API No. 910114750 2000
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Billy Dump</u>
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____	
Water Based Cuttings _____		Produced Water (Non-Injectable) _____	
Produced Formation Solids _____		Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY _____ TOP SOIL _____ CALICHE _____
Gas Plant Waste _____			

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 05/28/25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations Inc
Address 1437 Lorne Dr
Phone No. _____
Transporter Ticket # _____

Driver's Name Miguel Rodriguez
Print Name _____
Phone No. _____
Truck No. 11-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 05/28/25

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
Name (PRINT) Alysonda P DATE 5/28/25 TITLE Adm SIGNATURE AP

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man... Name Kent Reitz Phone No. 575 393 1079

GENERATOR NO. **HW-757469**

Generator Manifest # _____ Location of Origin _____
Generator Name XTO ENERGY INC Lease/Well _____
Address ATE - # EW 2025-16197 Cap 01 Name & No. Poker Lake UNIT D10
City, State, Zip _____ County POND
Phone No. CC# 229296 1001 API No. _____
Rig Name & No. GICM # 47502000
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Pump</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____		
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
E&P Contaminated Soil <u>X</u>	Truck Washout (exempt waste)	YES	NO
Gas Plant Waste _____		QUANTITY	TOP SOIL CALICHE

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 20 E - EACH _____

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE 05/28/25 SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC Driver's Name Miguel Rodriguez
Address 1937 Lompe ct Print Name _____
Phone No. _____ Phone No. _____
Transporter Ticket # _____ Truck No. U-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 05/28/25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES () NO () If YES, was reading > 50 micro roentgens? (Circle One) YES () NO ()
PASS THE PAINT FILTER TEST? (Circle One) YES () NO ()

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED () DENIED () If denied, why? AP
Name (Print) Alexander P DATE 5/28/25 TITLE Admin SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man O. Name Kent Retz Phone No. 575 393 1079

GENERATOR

NO. **HW-757468**

Generator Manifest # _____ Location of Origin _____
Generator Name XTO ENERGY Lease/Well _____
Address _____ Name & No. XTO-PLU DTW prod
City, State, Zip Aff-# Hwy 2025, 16197, Cap O County _____
Phone No. CC # 229296 1001 API No. _____
Rig Name & No. GTCM # 47502000
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Belly Dump</u>	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
Tank Bottoms	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	TOP SOIL _____ CALICHE _____
E&P Contaminated Soil	<u>ix</u>				
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS _____ L - LIQUID _____ Y - YARDS 20 E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

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- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 05/29/25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations Inc Driver's Name Miguel Rodriguez
Address 1937 Leanne Dr Print Name _____
Phone No. _____ Phone No. _____
Transporter Ticket # _____ Truck No. 4-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 05/29/25

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. RE

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLS Received	_____	BS&W (%)	_____
2nd Gauge	_____	_____	Free Water	_____	_____	_____
Received	_____	_____	Total Received	_____	_____	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED _____ If denied, why? _____
NAME (PRINT) Smyke DATE 5/29/25 TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name: KENT RETZ
Phone No: 575 392 1079

GENERATOR

NO. HW-765585

Generator Manifest # _____
Generator Name: XTO
Address: _____
City, State, Zip: _____
Phone No: _____

Location of Origin
Lease/Well Name & No.: RW DTD POWD
County: _____
API No.: _____
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	BULLY	
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	TOP SOIL _____ CALICHE _____
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCDF), Ignitability, Corrosivity and Reactivity

Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID 70 Y - YARDS _____ E - EACH _____

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name: HALO SERVICES
Address: _____
Phone No: _____
Transporter Ticket #: _____

Driver's Name: EFRAIN LUJAN
Print Name: _____
Phone No: _____
Truck No: 1-17

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?
Name (Print): Alejandra P. Date: 5/28/25 Title: Admin Signature: AP

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name: KENT KETZ
Phone No: 575 393 1079

GENERATOR

NO. HW-765653

Generator Manifest # _____
Generator Name: XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No.: PLU DTD PONO
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____		
Water Based Muds	_____	Washout Water (Non-Injectable)	_____
Water Based Cuttings	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Produced Formation Solids	_____	Produced Water (Non-Injectable)	_____
Tank Bottoms	_____	Gathering Line Water/Waste (Non-Injectable)	_____
E&P Contaminated Soil	_____	INTERNAL USE ONLY	
Gas Plant Waste	_____	Truck Washout (exempt waste)	YES _____ NO _____
WASTE GENERATION PROCESS:		QUANTITY	TOP SOIL CALICHE
<input type="checkbox"/> DRILLING	<input type="checkbox"/> COMPLETION	<input type="checkbox"/> PRODUCTION	<input type="checkbox"/> GATHERING LINES

BELLY

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ 20 Y - YARDS _____ E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field 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)

MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name: HALO SERVICES
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name: EFRAIN LUJAN
Print Name _____
Phone No. _____
Truck No.: L-12

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE: 05/28/25 DRIVER'S SIGNATURE: EFRAIN LUJAN DELIVERY DATE: DRIVER'S SIGNATURE:

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No.: 28

Site Name/Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?
NAME (PRINT): DATE: TITLE: SIGNATURE:

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Name: KENT BETZ
Phone No: 575 393 1079

(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. **HW-765654**

Generator Manifest # _____ Location of Origin _____
 Generator Name XTO Lease/Well _____
 Address _____ Name & No. PLW DTD POND
 _____ County _____
 _____ API No. _____
 City, State, Zip _____ Rig Name & No. _____
 Phone No. _____ AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BELLY</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____		
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO
Gas Plant Waste _____			QUANTITY
			TOP SOIL
			CALICHE

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field 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)

MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name HALO SERVICES Driver's Name EFFRAIN LUJAN
 Address _____ Print Name _____
 Phone No. _____ Phone No. _____
 Transporter Ticket # _____ Truck No. L-12

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 05/28/25 DRIVER'S SIGNATURE EFFRAIN LUJAN

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
 Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

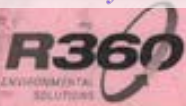
1st Gauge _____	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge _____			Free Water	
Received _____			Total Received	

I hereby certify that the above load material has been (circle one) **ACCEPTED** **DENIED** If denied, why? AP

Argandoña P 5/28/25 Adm AP
 NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name: KENT RUTZ Phone No: 313 393 1079

GENERATOR

NO. HW-737019

Generator Manifest # Generator Name: XTO Address City, State, Zip Phone No.

Location of Origin Lease/Well Name & No.: PLU OTO DOND County API No. Rig Name & No. AFE/PO No.

Table with columns: OIL BASED MUDS, WATER BASED MUDS, PRODUCED FORMATION SOLIDS, TANK BOTTOMS, E&P CONTAMINATED SOIL, GAS PLANT WASTE, NON-INJECTABLE WATERS, INTERNAL USE ONLY, OTHER EXEMPT E&P WASTE STREAMS, TOP SOIL & CALICHE SALES. Includes checkboxes for WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES.

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity. Non-Exempt Other: *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

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RCRA NON-EXEMPT: Oil field 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.
MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name: HALO SERVICES Address Phone No. Transporter Ticket #

Driver's Name: EFRAIN LUJAN Print Name Phone No. Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

Table with columns: TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA (Name/No.)

Site Name/Permit No.: Halfway Facility / NM1-006 Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 Phone No.: 575-392-6368 NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

Table with columns: 1st Guage, 2nd Guage, Received, Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Karvats
Phone No 575 793-1047

GENERATOR

NO. **HW-765647**

Generator Manifest # _____ Location of Origin _____
 Generator Name Xto _____ Lease/Well _____
 Address _____ Name & No. puddled road _____
 _____ County _____
 _____ API No. _____
 City, State, Zip _____ Rig Name & No. 117 _____
 Phone No. _____ AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>belly</u>			
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Cuttings _____	Produced Water (Non-Injectable) _____				
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____	INTERNAL USE ONLY		QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO		
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field 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)

MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Lulla Services Driver's Name Luis Lopez
 Address _____ Print Name _____
 Phone No. _____ Phone No. _____
 Transporter Ticket # _____ Truck No. 1-17

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/29/25 DRIVER'S SIGNATURE Luis Lopez DELIVERY DATE 5/29/25 DRIVER'S SIGNATURE Luis Lopez

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 78

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
 Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/B8LS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man *Carlsbad*



(PLEASE PRINT) *REQUIRED INFORMATION*

Name *Ken rats*
Phone No. *575-392-1097*

GENERATOR

NO. **HW-765648**

Generator Manifest # _____
Generator Name *X10*
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well _____
Name & No. *pu 111 pad*
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS		
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____			
Water Based Muds	_____		Produced Water (Non-Injectable)	_____			
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____			
Produced Formation Solids	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES				
Tank Bottoms	_____		Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL
E&P Contaminated Soil	_____						
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID *20* Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name *hola services* Driver's Name *Luis Lopez*
Address _____ Print Name _____
Phone No. _____ Phone No. _____
Transporter Ticket # _____ Truck No. *1-13*

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE *05/28/25* DRIVER'S SIGNATURE *Luis Lopez* DELIVERY DATE *05/28/25* DRIVER'S SIGNATURE *Luis Lopez*

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. *28*

Site Name/Permit No. **Halfway Facility / NM1-006** Phone No. **575-392-6368**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Guage	_____	Feet	_____	Inches	_____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Guage	_____					Free Water	_____		
Received	_____					Total Received	_____		

I hereby certify that the above load material has been (circle one) **ACCEPTED** **DENIED** If denied, why? _____
NAME (PRINT) *Ken rats* DATE *05/28/25* TITLE *Agent* SIGNATURE *Ken rats*

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name: KENT RETZ
Phone No: 575 393 1079

GENERATOR

NO. HW-737021

Generator Manifest # _____
Generator Name: XTO
Address: _____
City, State, Zip: _____
Phone No.: _____

Location of Origin: PLO DTD POND
Lease/Well Name & No.: _____
County: _____
API No.: _____
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	BELLY	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
Tank Bottoms	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	TOP SOIL _____ CALICHE _____
E&P Contaminated Soil	_____				
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID 20 Y - YARDS _____ E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: HALO SERVICES
Address: _____
Phone No.: _____
Transporter Ticket #: _____
Driver's Name: LUIS LUJAN
Print Name: _____
Phone No.: _____
Truck No.: L-13

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: 05/28/25 DRIVER'S SIGNATURE: Luis Lujan DELIVERY DATE: 05/28/25 DRIVER'S SIGNATURE: LUIS LUJAN

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

1st Guage	Feet _____	Inches _____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Guage	_____	_____	Free Water	_____		
Received	_____	_____	Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED
Name (Print): Alejandra P. Date: 5/28/25 Title: ADU Signature: AP

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Roberts
Phone No. 575-793-1097

GENERATOR

NO. **HW-765646**

Generator Manifest # _____ Location of Origin _____
 Generator Name Xto Lease/Well _____
 Address _____ Name & No. plu dtd road
 _____ County _____
 _____ API No. _____
 City, State, Zip _____ Rig Name & No. _____
 Phone No. _____ AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS Washout Water (Non-Injectable) _____ Completion Fluid/Flow Back (Non-Injectable) _____ Produced Water (Non-Injectable) _____ Gathering Line Water/Waste (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		<u>belly</u>			
Water Based Muds _____					
Water Based Cuttings _____					
Produced Formation Solids _____	INTERNAL USE ONLY Truck Washout (exempt waste) YES _____ NO _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____		QUANTITY	TOP SOIL	CALICHE	
E&P Contaminated Soil _____					
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Late Services Driver's Name Luis Lopez
 Address _____ Print Name _____
 Phone No. _____ Phone No. _____
 Transporter Ticket # _____ Truck No. L-13

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/28/25 DRIVER'S SIGNATURE Luis Lopez DELIVERY DATE 5/28/25 DRIVER'S SIGNATURE Luis Lopez

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
 Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO IF YES, was reading > 50 micro roentgens? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? AD
 NAME (PRINT) Alexandra P DATE 5/28/25 TITLE Adm SIGNATURE AD

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Ritz

Phone No. 575 278 1010

GENERATOR

NO. HW-765210

Generator Manifest # _____

Location of Origin _____

Generator Name XTO ENERGY INC

Lease/Well Name & No. Poker Lake Unit D10 (000)

Address 17111 218225.16197 Cap. 01

County _____

City, State, Zip CEM 2292 96 1001

API No. _____

Phone No. _____

Rig Name & No. CEM 4750 2000

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Bcl4 Dump</u>		
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____			
Water Based Cuttings _____		Produced Water (Non-Injectable) _____			
Produced Formation Solids _____		Gathering Line Water/Waste (Non-Injectable) _____			
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES		
E&P Contaminated Soil <u>✓</u>	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S SIGNATURE _____

05/29/25 DATE

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC

Driver's Name Lissael Rodriguez

Address 1937 Leanne Dr

Print Name _____

Phone No. _____

Phone No. _____

Transporter Ticket # _____

Truck No. U-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

05/29/25 DELIVERY DATE

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006

Phone No. 575-392-6368

Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	<u>4 1/2</u>	
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)
Free Water		
Total Received		

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? _____

Alexandra P NAME (PRINT)

05/29/25 DATE

Admin TITLE

AP SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Reitz

Phone No. 575 778 1090

GENERATOR

NO. HW-765208

Generator Manifest # _____
Generator Name XTO ENERGY INC.
Address ATC # 5442025-1619 tacap, oil
City, State, Zip _____
Phone No. cc# 2292961001

Location of Origin _____
Lease/Well Name & No. Dicker/Link (Unit) DID 001
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dump</u>			
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Cuttings _____	Produced Water (Non-Injectable) _____				
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____				
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES		
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL
Gas Plant Waste _____					CALICHE

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations UG1
Address 1937 Jeanne Ave
Phone No. _____
Transporter Ticket # _____

Driver's Name Wesley Rodriguez
Print Name _____
Phone No. _____
Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 718

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED ADN If denied, why? _____
NAME (PRINT) Starks DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Ratzel

Phone No. 515 378 9610

GENERATOR

NO. **HW-765207**

Generator Manifest # _____
Generator Name XTO ENERGY INC
Address 1151 NEW 2025 16197 ROAD
City, State, Zip CO # 829296 1001
Phone No. _____

Location of Origin _____
Lease/Well _____
Name & No. Baker Lake Unit 002 P01
County _____
API No. 9
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS	_____	
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____		_____	
Water Based Muds	_____		Produced Water (Non-Injectable)	_____		_____	
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____		_____	
Produced Formation Solids	_____		INTERNAL USE ONLY			TOP SOIL & CALICHE SALES	
Tank Bottoms	_____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil	_____	_____					
Gas Plant Waste	_____	_____					

Belly Dump

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE 05/29/25 SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC
Address 1937 Leanne Dr
Phone No. _____
Transporter Ticket # _____

Driver's Name Missael Rodriguez
Print Name _____
Phone No. _____
Truck No. 0-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 05/29/25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	_____	Feet	_____	Inches	_____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Gauge	_____					Free Water	_____		
Received	_____					Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? ADU
NAME (PRINT) Adyondra P DATE 5/29/25 TITLE ADU SIGNATURE AP



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Manifest Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Kenil Rold

Phone No: 575 393 6079

GENERATOR

NO. HW-761962

Generator Manifest # _____
Generator Name: XTO ENERGY INC.
Address: ATE # ew2025-16197 (op-01)
City, State, Zip: _____
Phone No: cc # 2292961001

Location of Origin: _____
Lease/Well Name & No.: Poker Lake Unit DTD pm
County: _____
API No.: GTCM #A 502000
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Belly Dump</u>				
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____					
Water Based Muds	_____		Produced Water (Non-Injectable)	_____					
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____					
Produced Formation Solids	_____	INTERNAL USE ONLY			TOP SOIL & CALICHE SALES				
Tank Bottoms	_____		Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE	
E&P Contaminated Soil	_____								
Gas Plant Waste	_____								

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name: Two Nations LLC
Address: 1937 Kame Dr
Phone No.: _____
Transporter Ticket #: _____

Driver's Name: Missael Rodriguez
Print Name: _____
Phone No.: _____
Truck No.: U-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? Actual
Name (Print): Alexander P Date: 5/29/25 Title: _____ Signature: AP



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Vester
Phone No. 575-797-1079

GENERATOR

NO. **HW-765260**

Generator Manifest # _____
Generator Name X10
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well _____
Name & No. pu dld pond
County _____
API No. _____
Rig Name & No. 11A
AFE/PO No. CE

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable) _____					
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable) _____					
Water Based Cuttings	_____	Produced Water (Non-Injectable) _____					
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable) _____					
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	QUANTITY	_____	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name halla services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Luiz Lujan
Print Name _____
Phone No. _____
Truck No. 1-13

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE 8/29/25 DRIVER'S SIGNATURE Luiz Lujan DELIVERY DATE 8/29/25 DRIVER'S SIGNATURE Luiz Lujan

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 88

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	_____	Feet	_____	Inches	_____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Gauge	_____					Free Water	_____		
Received	_____					Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE 8/29 TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kendy Retten
Phone No. 575-392-1079

GENERATOR

NO. **HW-765583**

Generator Manifest # _____
Generator Name X10
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well _____
Name & No. pu dld pad
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>bcly</u>			
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____				
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____				
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____				
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name haller services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Luis Lopez
Print Name _____
Phone No. _____
Truck No. 1-17

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/29/25 DRIVER'S SIGNATURE Luis Lopez DELIVERY DATE 5/29/25 DRIVER'S SIGNATURE Luis Lopez

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? AP
NAME (PRINT) Agenda P DATE 5/29/25 TITLE APM SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Ken Vate
Phone No: 575-392-1079

GENERATOR

NO. **HW-765584**

Generator Manifest # _____
Generator Name X10
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. puddled pool
County _____
API No. _____
Rig Name & No. 111A
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____		
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES () NO ()	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

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- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name halla services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Luis Luna
Print Name _____
Phone No. _____
Truck No. 6013

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 8/29/25 DRIVER'S SIGNATURE Luis Luna DELIVERY DATE 8/29/25 DRIVER'S SIGNATURE Luis Luna

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 78

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES () NO () If YES, was reading > 50 micro roentgens? (Circle One) YES () NO ()
PASS THE PAINT FILTER TEST? (Circle One) YES () NO ()

TANK BOTTOMS

1st Gauge	Foot _____	Inches _____	BS&W/BBLS Received	_____	BS&W (%)	_____
2nd Gauge	_____	_____	Free Water	_____		
Received	_____	_____	Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED () DENIED () If denied, why? _____

NAME (PRINT) _____ DATE 8/29 TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Karl Vate
Phone No. 575-397-1079

GENERATOR

NO. **HW-765259**

Generator Manifest # _____
Generator Name xto
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. pu dtd pool
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____			
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____			
Water Based Cuttings _____		Produced Water (Non-Injectable) _____			
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____				
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES		
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCDF), ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name hella services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Luis Lopez
Print Name _____
Phone No. _____
Truck No. 6-15

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/29/25 DRIVER'S SIGNATURE Luis Lopez DELIVERY DATE 5/29/25 DRIVER'S SIGNATURE Luis Lopez

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Guage _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Guage _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) Shirley Shattis DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Ken Ritz

Phone No. _____

GENERATOR

NO. **HW-765183**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Eddy
API No. _____
Rig Name & No. _____
AFE/PO No. FW 2025 16/97 CAP 01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dumb</u>	
Water Based Cuttings _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Muds _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	TOP SOIL & CALICHE SALES	
Tank Bottoms _____	INTERNAL USE ONLY	QUANTITY	TOP SOIL CALICHE
E&P Contaminated Soil _____	Truck Washout (exempt waste) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Gas Plant Waste _____			
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES			

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCPLI, Ignitability, Corrosivity and Reactivity)

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 70 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 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)

MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Half services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 757

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

5/30/25 SHIPMENT DATE David Palmer DRIVER'S SIGNATURE 5/30/25 DELIVERY DATE David Palmer DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: _____ OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>28</u>
------------------------------------------	-------------------	--------------------------------------

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): ACCEPTED 5/30 DENIED NO If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company/Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Ken Rotz

Phone No. _____

GENERATOR

NO. **HW-765182**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County PLU
API No. _____
Rig Name & No. _____
AFE/PO No. EW 7025 76197.CAP.01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Belly Dump</u>	
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Muds	_____		Produced Water (Non-Injectable)	_____		
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____		
Produced Formation Solids	_____		INTERNAL USE ONLY			
Tank Bottoms	_____	Truck Washout (exempt waste)	YES _____ NO <u>(X)</u>	QUANTITY _____	TOP SOIL _____	CALICHE _____
E&P Contaminated Soil	<u>(X)</u>					
Gas Plant Waste	_____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 70 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Holo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/30/25 DRIVER'S SIGNATURE [Signature]

DELIVERY DATE 5/30/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. [Signature]

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES (X) NO
PASS THE PAINT FILTER TEST? (Circle One) YES (X) NO
If YES, was reading > 50 micro roentgens? (Circle One) YES (X) NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	_____	BS&W (%)	_____
2nd Gauge	_____	_____	Free Water	_____	_____	_____
Received	_____	_____	Total Received	_____	_____	_____

I hereby certify that the above load material has been (circle one): ACCEPTED (X) DENIED _____ If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name David Palmer

Phone No. _____

GENERATOR

NO. HW-766100

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County EMU
API No. _____
Rig Name & No. _____
AFE/PO No. FW 2025 1647 CAPDI

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Belly Dump</u>	
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Muds	_____		Produced Water (Non-Injectable)	_____		
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____		
Produced Formation Solids	_____		INTERNAL USE ONLY			
Tank Bottoms	_____	Truck Washout (exempt waste)	YES _____ NO <u>(X)</u>	QUANTITY _____	TOP SOIL _____	CALICHE _____
E&P Contaminated Soil	<u>(X)</u>					
Gas Plant Waste	_____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS (20) E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Hob Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. TS1

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/30/25 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 5/30/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES _____ NO _____ If YES, was reading > 50 micro roentgens? (Circle One) YES _____ NO _____
PASS THE PAINT FILTER TEST? (Circle One) YES _____ NO _____

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLS Received	_____	BS&W (%) _____
2nd Gauge	_____	_____	Free Water	_____	_____
Received	_____	_____	Total Received	_____	_____

I hereby certify that the above load material has been (circle one): ACCEPTED _____ DENIED _____ If denied, why? _____

NAME (PRINT) Alejandra P DATE 5/30/25 TITLE ADM SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name David Palmer

Phone No. _____

GENERATOR

NO. HW-766100

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County EMM
API No. _____
Rig Name & No. _____
AFE/PO No. FW 2025 1647 CAPDI

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT E&P WASTE STREAMS <u>Belly Dump</u>	
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Muds	_____		Produced Water (Non-Injectable)	_____		
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____		
Produced Formation Solids	_____		INTERNAL USE ONLY			
Tank Bottoms	_____	Truck Washout (exempt waste)	YES _____ NO <u>(X)</u>	QUANTITY _____	TOP SOIL _____	CALICHE _____
E&P Contaminated Soil	_____					
Gas Plant Waste	_____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS (20) E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Hob Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. TS1

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/30/25 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 5/30/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES _____ NO _____ If YES, was reading > 50 micro roentgens? (Circle One) YES _____ NO _____
PASS THE PAINT FILTER TEST? (Circle One) YES _____ NO _____

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLS Received	_____	BS&W (%) _____
2nd Gauge	_____	_____	Free Water	_____	_____
Received	_____	_____	Total Received	_____	_____

I hereby certify that the above load material has been (circle one): ACCEPTED _____ DENIED _____ If denied, why? _____

NAME (PRINT) Alejandra P DATE 5/30/25 TITLE ADM SIGNATURE [Signature]

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man David Palmer

(PLEASE PRINT) *REQUIRED INFORMATION*

Name David Palmer

Phone No. _____

GENERATOR

NO. **HW-765184**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Eliz
API No. _____
Rig Name & No. _____
AFE/PO No. EW 2025 16197 CAP 01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dump</u>			
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Cuttings _____	Produced Water (Non-Injectable) _____				
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____	INTERNAL USE ONLY		QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil <u>✓</u>	Truck Washout (exempt waste) YES _____ NO <u>(X)</u>				
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 70 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Half Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE 5/30/25 DRIVER'S SIGNATURE David Palmer DELIVERY DATE 5/30/25 DRIVER'S SIGNATURE David Palmer

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES _____ NO (X) If YES, was reading > 50 micro roentgens? (Circle One) YES _____ NO _____
PASS THE PAINT FILTER TEST? (Circle One) YES _____ NO _____

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED (X) DENIED _____ If denied, why? Adm
NAME (PRINT) Alexandra P DATE 5/30/25 TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name _____ Phone No. _____

GENERATOR

NO. HW-764069

Generator Manifest # X10
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin X10-PIU DTD ROAD
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS Washout Water (Non-Injectable) _____ Completion Fluid/Flow Back (Non-Injectable) _____ Produced Water (Non-Injectable) _____ Gathering Line Water/Waste (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS <u>Beny</u>			
Oil Based Cuttings _____					
Water Based Muds _____					
Water Based Cuttings _____					
Produced Formation Solids _____	INTERNAL USE ONLY Truck Washout (exempt waste) YES _____ NO _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____		QUANTITY		TOP SOIL	CALICHE
E&P Contaminated Soil _____					
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID 30 Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nation LLC
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name JR Cardenas
Print Name _____
Phone No. _____
Truck No. 1-12

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 5/30/25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____	<u>Chickney</u>		Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Adm
NAME (PRINT) Cardenas J DATE 5/30/25 TITLE Adm SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Roto

Phone No. _____

GENERATOR

NO. **HW-765021**

Generator Manifest # X70
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. X70-PLU DTD pad
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS <u>Berry</u>	
Oil Based Cuttings _____		Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Muds _____		Produced Water (Non-Injectable) _____		
Water Based Cuttings _____		Gathering Line Water/Waste (Non-Injectable) _____		
Produced Formation Solids _____	INTERNAL USE ONLY	Truck Washout (exempt waste) YES _____ NO <u>(circled)</u>	QUANTITY _____	TOP SOIL _____ CALICHE _____
Tank Bottoms _____				
E&P Contaminated Soil _____				
Gas Plant Waste _____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name La Bodega / Two Nation
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name JR Mardner
Print Name _____
Phone No. _____
Truck No. L12

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 7/8/25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. JR

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES (circled) NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLS Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Reitz

Phone No. _____

GENERATOR

NO. HW-764068

Generator Manifest # XTO
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. XTO PLU DTD Pond
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	_____	NON-INJECTABLE WATERS	
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____
Gas Plant Waste	_____	OTHER EXEMPT E&P WASTE STREAMS	
		<u>Belly Dump</u>	
		TOP SOIL & CALICHE SALES	
		QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES			

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name JBR Trucking
Two Nation
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Ignacio Rucio
Print Name _____
Phone No. _____
Truck No. 56

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 05-30-25 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP IN: _____ OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>28</u>
------------------------------------------	-------------------	--------------------------------------

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge	_____	_____	_____
2nd Gauge	_____	Free Water	_____
Received	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Adm
NAME (PRINT) Augustine P DATE 5/30/25 TITLE _____ SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Retz

Phone No. _____

GENERATOR

NO. HW-765022

Generator Manifest # XTO
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. XTO-Plu DTD pond
County _____
API No. _____
Rig Name & No. 11A
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dump</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____		
Tank Bottoms _____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES	
E&P Contaminated Soil _____	Truck Washout (exempt waste) YES _____ NO _____	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste _____			

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 70 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name JBR Trucking Two Nation
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Tamara Buro
Print Name _____
Phone No. _____
Truck No. 56

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 05-30-25 DRIVER'S SIGNATURE TB/qa

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 78

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE 5/30 TITLE _____ SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Just Retz

Phone No. _____

GENERATOR

NO. HW-765185

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County Eddy
API No. _____
Rig Name & No. _____
AFE/PO No. FW 2025 16197 CAP 01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	<u>Belly Dump</u>
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	_____	Produced Water (Non-Injectable)	
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	QUANTITY
Gas Plant Waste	_____	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TOP SOIL
			CALICHE

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 751

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/29/25 DRIVER'S SIGNATURE David Palmer DELIVERY DATE 5/29/25 DRIVER'S SIGNATURE David Palmer

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. W0

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) Suzanne DATE 5/29/25 TITLE Asst SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man XXXXXXXXXXXXXXXXXXXX

(PLEASE PRINT) *REQUIRED INFORMATION*

Name XXXXXXXXXXXXXXXXXXXX

Phone No. _____

GENERATOR

NO. **HW-765179**

Generator Manifest # _____
Generator Name YTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. PLU DTD Pond
County _____
API No. _____
Rig Name & No. FW 2025 16A7 CAP 01
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Belly Dump</u>
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____	
Water Based Cuttings _____		Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	INTERNAL USE ONLY	
Tank Bottoms _____	Truck Washout (exempt waste) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TOP SOIL & CALICHE SALES	
E&P Contaminated Soil <input checked="" type="checkbox"/>		QUANTITY _____ TOP SOIL _____ CALICHE _____	
Gas Plant Waste _____			

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. TS1

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/29/25

DRIVER'S SIGNATURE David Palmer

DELIVERY DATE 5/29/25

DRIVER'S SIGNATURE David Palmer

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 18

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Retz

Phone No. _____

GENERATOR

NO. **HW-765180**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dump</u>			
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Cuttings _____	Produced Water (Non-Injectable) _____				
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____	INTERNAL USE ONLY		QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO		
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 70 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. 701

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
5/29/25 David Palmer 5/29/25 David Palmer
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Foot	Inches	BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one) ACCEPTED 5/29/25 ADIM If denied, why? AP
NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Carlsbad

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Ant 1672

Phone No. _____

GENERATOR

NO. **HW-765181**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. Pdbr Lake Unit D TD Port
County FELIX
API No. _____
Rig Name & No. _____
AFE/PO No. EW 2025 16197 CAP 01

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Belly Dump</u>		
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____			
Water Based Cuttings _____		Produced Water (Non-Injectable) _____			
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____	INTERNAL USE ONLY		QUANTITY	TOP SOIL	CALICHE
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	<u>NO</u>		
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Palmer
Print Name _____
Phone No. _____
Truck No. T51

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 5/29/25 DRIVER'S SIGNATURE David Palmer DELIVERY DATE 5/29/25 DRIVER'S SIGNATURE David Palmer

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Guage _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Guage _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? AP
NAME (PRINT) Alexander P DATE 5/29/25 TITLE ADM SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man... Name... Phone No...

GENERATOR

NO. HW-764876

Generator Manifest #, Generator Name, Address, City, State, Zip, Phone No., Location of Origin, Lease/Well, Name & No., County, API No., Rig Name & No., AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns: Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, INTERNAL USE ONLY, OTHER EXEMPT E&P WASTE STREAMS, TOP SOIL & CALICHE SALES.

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: 20 B - BARRELS, L - LIQUID, Y - YARDS, E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT, RCRA NON-EXEMPT, MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below), EMERGENCY NON-OILFIELD

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name, Address, Phone No., Transporter Ticket #, Driver's Name, Print Name, Phone No., Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006, Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220, Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO, PASS THE PAINT FILTER TEST? (Circle One) YES NO, If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

Table with columns: Feet, Inches, 1st Gauge, 2nd Gauge, Received, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT) DATE TITLE SIGNATURE



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Name Bentley
Name Bentley
Phone No. 2561

GENERATOR

NO. **AD-0032983**

Generator Manifest # X78 Location of Origin 45th - 210 DTD Road
 Generator Name X78 Name & No. _____
 Address _____ County _____
 _____ API No. _____
 City, State, Zip _____ Rig Name & No. _____
 Phone No. _____ AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS				
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Soil</u>				
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____					
Water Based Cuttings _____	Produced Water (Non-Injectable) _____					
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____					
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste _____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 15 E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field 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)

MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 06-06-25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC Driver's Name Joselyn V
 Address 2225 ... Print Name _____
 Phone No. 787 ... Phone No. _____
 Transporter Ticket # _____ Truck No. D-02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 20250606

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Hairway

Name/No. 28

Site Name/Permit No. Antelope Draw Facility / NM1-66 Phone No. 575-236-1734
 Address 476 Battle Axe Rd., Jal, NM 88252

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge				
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Ap

Allyson P NAME (PRINT) 6/6/25 DATE Allyson TITLE Ap SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man...



(PLEASE PRINT) *REQUIRED INFORMATION*

Name

Phone No.

GENERATOR

NO. HW-742056

Generator Manifest # XTO
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for waste types (Oil Based Muds, Water Based Muds, etc.), NON-INJECTABLE WATERS, INTERNAL USE ONLY, and OTHER EXEMPT E&P WASTE STREAMS.

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA-EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field 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)
MSDS Information, RCRA Hazardous Waste Analysis, 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT: Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?
NAME (PRINT) DATE TITLE SIGNATURE



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man C
Name Kent Lee
Phone No. _____

GENERATOR

NO. **HW-744278**

Generator Manifest # X To - PLU DT D Pond
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin Afe # ew 2025. 16197
Lease/Well Name & No. Cap. 01
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____				
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____				
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____				
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____				
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 10 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Do 9 tracking
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Alexis S. Lee
Print Name _____
Phone No. _____
Truck No. 9

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 98

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

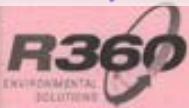
NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) Stacy DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man... Name: Kent Kote Phone No: 209 296 1000

GENERATOR

NO. HW-741725

Generator Manifest # Generator Name: XTO energy Address City, State, Zip Phone No.

Location of Origin Lease/Well Name & No. P10 DT D Wind County: 2025 16 197 API No. Rig Name & No. AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, Oil Based Cuttings, Water Based Muds, Water Based Cuttings, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, INTERNAL USE ONLY, OTHER EXEMPT E&P WASTE STREAMS, and TOP SOIL & CALICHE SALES.

WASTE GENERATION PROCESS: [] DRILLING [] COMPLETION [] PRODUCTION [] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations.
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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name: Two National / Flash Address Phone No. Transporter Ticket #

Driver's Name: Andrus Print Name Phone No. #7 Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT: Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table with columns for 1st Gauge, 2nd Gauge, Received, Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%).

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name _____

Phone No. _____

GENERATOR

NO. HW-763577

Generator Manifest # _____
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	_____	NON-INJECTABLE WATERS	
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____
Gas Plant Waste	_____	TOP SOIL & CALICHE SALES	
		QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES			

NON-EXEMPT E&P Waste/Service Identification and Amount	
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.	
Non-Exempt Other _____	*please select from Non-Exempt Waste List on back
DISPOSAL QUANTITY _____	B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name _____
Print Name _____
Phone No. _____
Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>28</u>
------------------------------------------	-------------------	--------------------------------------

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLS Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one) ACCEPTED 6/19/25 DENIED If denied, why? None
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Contact information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name _____

Phone No. _____

GENERATOR

NO. HW-764878

Generator Manifest # _____
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Muds _____		Produced Water (Non-Injectable) _____				
Water Based Cuttings _____		Gathering Line Water/Waste (Non-Injectable) _____				
Produced Formation Solids _____						
Tank Bottoms _____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES				
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES _____	NO _____	QUANTITY _____	TOP SOIL _____	CALICHE _____
Gas Plant Waste _____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
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 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name _____
Print Name _____
Phone No. _____
Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Name: Reid RE+R
Name: _____
Phone No.: _____

GENERATOR

NO. **AD-0032984**

Generator Manifest # _____ Location of Origin XTO - PHO DTD Perm

Generator Name XTO Name & No. _____

Address _____ County _____

City, State, Zip _____ API No. _____

Phone No. _____ Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Soil</u>			
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____				
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____				
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____				
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	_____	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 15 E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 06-09-25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC Driver's Name Doreppo D

Address 1977 West 11th Street Print Name _____

Phone No. 8416 502 525 Phone No. _____

Transporter Ticket # _____ Truck No. P-02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Antelope Draw Facility / NM1-66 Phone No. 575-236-1734

Address 476 Battle Axe Rd., Jal, NM 88252

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? AP

NAME (PRINT) Alyandra P DATE 6/9/25 TITLE Actual SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Ken Rate
Name Ken Rate
Phone No. _____

(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. HW-740687

Generator Manifest # _____
Generator Name Xto
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin XTO-PLU DID Pond
Lease/Well _____
Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS				
Oil Based Cuttings _____		Washout Water (Non-Injectable) _____	<u>Soil</u>			
Water Based Muds _____		Completion Fluid/Flow Back (Non-Injectable) _____				
Water Based Cuttings _____		Produced Water (Non-Injectable) _____				
Produced Formation Solids _____		Gathering Line Water/Waste (Non-Injectable) _____				
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil _____	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste _____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE 6-9-25 SIGNATURE

TRANSPORTER

Transporter's Name Two Nations JTR Transport
Address 1937 Leards Dr
Phone No. 575 708 9148
Transporter Ticket # _____

Driver's Name Rubra Castroveda
Print Name _____
Phone No. _____
Truck No. #10

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE Rubra Castroveda

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 20

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

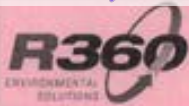
NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BLS Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? AR

NAME (PRINT) DATE TITLE SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Kent Reez

Phone No. _____

GENERATOR

NO. HW-736279

Generator Manifest # _____
Generator Name: XTO
Address: _____
City, State, Zip: _____
Phone No. _____

Location of Origin: XTO - PLUUTO Pond
Lease/Well Name & No.: EW2025, 16197, Co PO1
County: _____
API No.: _____
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, Oil Based Cuttings, Water Based Muds, Water Based Cuttings, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, and OTHER EXEMPT E&P WASTE STREAMS.

WASTE GENERATION PROCESS: [] DRILLING [] COMPLETION [] PRODUCTION [] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS, L - LIQUID, Y - YARDS, E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field 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.
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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: Dog tracking
Address: _____
Phone No.: _____
Transporter Ticket #: _____

Driver's Name: Alexis S
Print Name: _____
Phone No.: _____
Truck No.: 9

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No.: 28

Site Name/Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

Table with columns for 1st Gauge, 2nd Gauge, Received, Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED
Name (Print): Alejandra P Date: 6/10/05 Title: Adm Signature: AP



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kend Rate

Phone No. _____

GENERATOR

NO. HW-770750

Generator Manifest # _____
Generator Name xto
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin xto Plu DTU Pond
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Sony</u>
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil _____	Truck Washout (exempt waste) YES _____ NO _____	QUANTITY _____ TOP SOIL _____ CALICHE _____
Gas Plant Waste _____		

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY 15 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 6-10-25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations JxR Transport
Address 1937 Llanos Dr
Phone No. 575 708 9148
Transporter Ticket # _____

Driver's Name Rubon Castañeda
Print Name _____
Phone No. _____
Truck No. # 10

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE Rubon Castañeda

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 88

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? AD
NAME (PRINT) Agueda DATE 6/10/25 TITLE AD SIGNATURE AD



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Heat Rate

Phone No. _____

GENERATOR

NO. HW-772782

Generator Manifest # _____
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin PLU. DFD POND
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>contaminated soil</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	INTERNAL USE ONLY	
Tank Bottoms _____	Truck Washout (exempt waste) YES _____ NO _____	QUANTITY _____	TOP SOIL CALICHE _____
E&P Contaminated Soil _____			
Gas Plant Waste _____			

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID 12 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name IN / Abels
Address 1719 Watson
Phone No. _____
Transporter Ticket # _____

Driver's Name Manuel Oliver
Print Name _____
Phone No. _____
Truck No. 003

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 6/12/25 DRIVER'S SIGNATURE Manuel Oliver

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Name: Kent K&K
Name: Kent K&K
Phone No.:



(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. **HW-741431**

Generator Manifest # _____
Generator Name: XTO energy
Address: _____
City, State, Zip: _____
Phone No.: _____

Location of Origin: _____
Lease/Well Name & No.: Pu DTD Pond
County: _____
API No.: _____
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	_____	NON-INJECTABLE WATERS	
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Gas Plant Waste	_____	QUANTITY	_____
		TOP SOIL	_____
		CALICHE	_____
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES			

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.
Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS _____ E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: Top National / Aquinas Services
Address: _____
Phone No.: _____
Transporter Ticket #: _____

Driver's Name: Guillermo Tillo
Print Name: _____
Phone No.: _____
Truck No.: D-08

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: _____ DRIVER'S SIGNATURE: _____ DELIVERY DATE: 6-18-25 DRIVER'S SIGNATURE: Guillermo Tillo

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____	Name/No. _____	

Site Name/Permit No.: Halfway Facility / NM1-006 Phone No.: 575-392-6368
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	_____	BS&W/BBLS Received	_____	BS&W (%)	_____
2nd Gauge	_____	Free Water	_____		
Received	_____	Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT): _____ DATE: _____ TITLE: _____ SIGNATURE: _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Ken Hest

Phone No. _____

GENERATOR

NO. **HW-740693**

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin P2U DTD Pond
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS Washout Water (Non-Injectable) _____ Completion Fluid/Flow Back (Non-Injectable) _____ Produced Water (Non-Injectable) _____ Gathering Line Water/Waste (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings _____		5001			
Water Based Muds _____					
Water Based Cuttings _____					
Produced Formation Solids _____	INTERNAL USE ONLY Truck Washout (exempt waste) YES _____ NO _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____		QUANTITY	TOP SOIL	CALICHE	
E&P Contaminated Soil _____					
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 06-13-25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations Waste Services
Address 1922 2nd St NE, Suite 914B
Phone No. 505 788 9148
Transporter Ticket # _____

Driver's Name Lorenzo
Print Name _____
Phone No. _____
Truck No. D-02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. [Signature]

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Name: Man...
Name: Ken Retz
Phone No.:



(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. HW-760983

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin P2U DTD Pond
Lease/Well Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____		
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS _____ L - LIQUID _____ Y - YARDS 15 E - EACH _____

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 06-13-25

SIGNATURE _____

TRANSPORTER

Transporter's Name TWC Logistics LLC
Address 1937 Leaville Dr
Phone No. 575 708 9148
Transporter Ticket # _____

Driver's Name Lorena
Print Name _____
Phone No. _____
Truck No. D-02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 20250708

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W/BBLs Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Retz

Phone No. _____

GENERATOR

NO. HW-761764

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD Pond
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS Washout Water (Non-Injectable) _____ Completion Fluid/Flow Back (Non-Injectable) _____ Produced Water (Non-Injectable) _____ Gathering Line Water/Waste (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS <u>Dump</u>			
Oil Based Cuttings _____					
Water Based Muds _____					
Water Based Cuttings _____					
Produced Formation Solids _____	INTERNAL USE ONLY Truck Washout (exempt waste) YES _____ NO _____	TOP SOIL & CALICHE SALES			
Tank Bottoms _____		QUANTITY	TOP SOIL	CALICHE	
E&P Contaminated Soil _____					
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 18 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE 06/13/25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations II compas
Address 1937 Ledne Dr
Phone No. _____
Transporter Ticket # _____

Driver's Name Sergio Perez
Print Name _____
Phone No. _____
Truck No. 0-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE Sergio Perez

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Name: Kent Retz
Name: Kent Retz
Phone No.:

(PLEASE PRINT) *REQUIRED INFORMATION*

GENERATOR

NO. HW-761767

Generator Manifest # _____
Generator Name: XTP
Address: _____
City, State, Zip: _____
Phone No.: _____

Location of Origin: _____
Lease/Well Name & No.: PLU DTD Pond
County: _____
API No.: _____
Rig Name & No.: _____
AFE/PO No.: _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Dump</u>			
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____				
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____				
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____				
Tank Bottoms	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	_____	TOP SOIL	CALICHE
Gas Plant Waste	_____						

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other: _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY: B - BARRELS L - LIQUID 18 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

06/13/25 DATE

SIGNATURE

TRANSPORTER

Transporter's Name: Two Nations II compas
Address: 1937 Leanne rd
Phone No.: _____
Transporter Ticket #: _____

Driver's Name: Sergio Perez
Print Name: _____
Phone No.: _____
Truck No.: 2404

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 20

Site Name/Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT): _____ DATE: _____ TITLE: _____ SIGNATURE: _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Name: WILCOCK INDUSTRIES



(PLEASE PRINT) *REQUIRED INFORMATION*

Name: _____

Phone No. 212

GENERATOR

NO. **HW-768060**

Generator Manifest # _____
Generator Name _____
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin _____
Lease/Well _____
Name & No. DLO DTD (2010)
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS Washout Water (Non-Injectable) _____ Completion Fluid/Flow Back (Non-Injectable) _____ Produced Water (Non-Injectable) _____ Gathering Line Water/Waste (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS <u>Soil</u>			
Oil Based Cuttings _____		TOP SOIL & CALICHE SALES			
Water Based Muds _____		INTERNAL USE ONLY			
Water Based Cuttings _____		Truck Washout (exempt waste)	YES	NO	QUANTITY
Produced Formation Solids _____				TOP SOIL	CALICHE
Tank Bottoms _____					
E&P Contaminated Soil _____					
Gas Plant Waste _____					

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Arlo Services
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Lucas Guzman
Print Name _____
Phone No. _____
Truck No. 7-48

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below:

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge _____	Feet _____	Inches _____	BS&W/BBLs Received _____	BS&W (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Manifest Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name: Ken Retz

Phone No. _____

GENERATOR

NO. HW-761766

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU DTD 10001
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>DOMP</u>	
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____		
Water Based Cuttings _____	Produced Water (Non-Injectable) _____		
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____		
Tank Bottoms _____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
E&P Contaminated Soil _____	Truck Washout (exempt waste) YES _____ NO _____	QUANTITY _____	TOP SOIL _____ CALICHE _____
Gas Plant Waste _____			

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 18 Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S SIGNATURE _____

DATE 06/17/25

SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations II compas
Address 1937 Leanne dr
Phone No. _____
Transporter Ticket # _____

Driver's Name Sergio Perez
Print Name _____
Phone No. _____
Truck No. A-04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE Sergio Perez

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. [Signature]

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one):
 ACCEPTED DENIED If denied, why? _____
NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____



APPENDIX F

Laboratory Analytical Reports & Chain of Custody Documentation



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

April 09, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 04/08/25 15:50.

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.

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:	04/08/2025	Sampling Date:	04/08/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 01 0.5' (H252100-01)

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	04/08/2025	ND	2.06	103	2.00	5.41		
Toluene*	<0.050	0.050	04/08/2025	ND	2.12	106	2.00	3.43		
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.06	103	2.00	2.47		
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.05	101	6.00	2.43		
Total BTEX	<0.300	0.300	04/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	5200	16.0	04/09/2025	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	195	97.5	200	0.474		
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	0.0873		
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND						

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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:	04/08/2025	Sampling Date:	04/08/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 02 0.5' (H252100-02)

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	04/08/2025	ND	2.06	103	2.00	5.41		
Toluene*	<0.050	0.050	04/08/2025	ND	2.12	106	2.00	3.43		
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.06	103	2.00	2.47		
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.05	101	6.00	2.43		
Total BTEX	<0.300	0.300	04/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	04/09/2025	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	195	97.5	200	0.474		
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	0.0873		
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND						

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.3 % 40.6-153

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:	04/08/2025	Sampling Date:	04/08/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 03 0.5' (H252100-03)

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	04/08/2025	ND	2.06	103	2.00	5.41	
Toluene*	<0.050	0.050	04/08/2025	ND	2.12	106	2.00	3.43	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.06	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.05	101	6.00	2.43	
Total BTEX	<0.300	0.300	04/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	04/09/2025	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	195	97.5	200	0.474	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	0.0873	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.3 % 40.6-153

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:	04/08/2025	Sampling Date:	04/08/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 04 0.5' (H252100-04)

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	04/08/2025	ND	2.06	103	2.00	5.41	
Toluene*	<0.050	0.050	04/08/2025	ND	2.12	106	2.00	3.43	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.06	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.05	101	6.00	2.43	
Total BTEX	<0.300	0.300	04/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	04/09/2025	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	195	97.5	200	0.474	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	0.0873	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.3 % 40.6-153

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:	04/08/2025	Sampling Date:	04/08/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 05 0.5' (H252100-05)

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	04/08/2025	ND	2.06	103	2.00	5.41		
Toluene*	<0.050	0.050	04/08/2025	ND	2.12	106	2.00	3.43		
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.06	103	2.00	2.47		
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.05	101	6.00	2.43		
Total BTEX	<0.300	0.300	04/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	04/09/2025	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	195	97.5	200	0.474		
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	0.0873		
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND						

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.4 % 40.6-153

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:	04/08/2025	Sampling Date:	04/08/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 06 0.5' (H252100-06)

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	04/08/2025	ND	2.06	103	2.00	5.41		
Toluene*	<0.050	0.050	04/08/2025	ND	2.12	106	2.00	3.43		
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.06	103	2.00	2.47		
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.05	101	6.00	2.43		
Total BTEX	<0.300	0.300	04/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5360	16.0	04/09/2025	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	195	97.5	200	0.474		
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	0.0873		
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND						

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Tracy Hildard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575-937-3906

Project #:

Project Name: POKER LAKE DTD Pond - SP115

Project Location: 38.208278, -103.899306

Sampler Name: Mario SARKIS

P.O. #:

Company: XTO Energy

Attn: Colton Brown

Address: 3104 E. Green St.

City: Carlsbad

State: NM zip: 88220

Phone #:

Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL :	OTHER :
105510	5501	0.5	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4/8/25	1221	BTEX	<input checked="" type="checkbox"/>
	5502	0.5	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1224	1224	TPH	<input checked="" type="checkbox"/>
	5503	0.5	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1226	1227	Chlorides	<input checked="" type="checkbox"/>
	5504	0.5	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1230	1230		<input checked="" type="checkbox"/>
	5505	0.5	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1232	1232		<input checked="" type="checkbox"/>
	5506	0.5	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>

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Relinquished By: [Signature]

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Relinquished By: [Signature]

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Time: 1335

Date: 4/8/25

Delivered By: (Circle One)

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Carrier Temp. °F

Carrier Temp. °C

Sample - UPS - Bus - Other:

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

Overseas Temp. °F

Overseas Temp. °C

TURNAROUND TIME: 1500

Standard

Rush

Bacteria (only)

Cool Intact

Sample Condition

Observed Temp. °C

Corrected Temp. °C

Observed Temp. °C

Corrected Temp. °C

Observed Temp. °C

Corrected Temp. °C

Observed Temp. °C

Corrected Temp. °C

Observed Temp. °C

Corrected Temp. °C

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



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

April 22, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 07 0.5 (H252317-01)

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	04/21/2025	ND	2.00	100	2.00	3.09	
Toluene*	<0.050	0.050	04/21/2025	ND	1.87	93.3	2.00	3.64	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.81	90.5	2.00	4.36	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	5.58	93.0	6.00	4.53	
Total BTEX	<0.300	0.300	04/21/2025	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	<16.0	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	197	98.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	193	96.4	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.4 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 08 0.5 (H252317-02)

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	04/21/2025	ND	2.00	100	2.00	3.09	
Toluene*	<0.050	0.050	04/21/2025	ND	1.87	93.3	2.00	3.64	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.81	90.5	2.00	4.36	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	5.58	93.0	6.00	4.53	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	197	98.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	193	96.4	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.9 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 09 0.5 (H252317-03)

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	04/21/2025	ND	2.00	100	2.00	3.09		
Toluene*	<0.050	0.050	04/21/2025	ND	1.87	93.3	2.00	3.64		
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.81	90.5	2.00	4.36		
Total Xylenes*	<0.150	0.150	04/21/2025	ND	5.58	93.0	6.00	4.53		
Total BTEX	<0.300	0.300	04/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	197	98.7	200	3.59		
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	193	96.4	200	4.27		
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND						

Surrogate: 1-Chlorooctane 80.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.8 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 10 0.5 (H252317-04)

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	04/21/2025	ND	2.15	107	2.00	0.213		
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172		
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567		
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451		
Total BTEX	<0.300	0.300	04/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	197	98.7	200	3.59		
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	193	96.4	200	4.27		
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND						

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 11 0.5 (H252317-05)

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	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.6 % 40.6-153

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Analytical Results For:

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

Received:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SS 12 0.5 (H252317-06)

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	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 01 2 (H252317-07)

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	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/21/2025	ND	416	104	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 01A 3 (H252317-08)

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	04/21/2025	ND	2.15	107	2.00	0.213		
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172		
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567		
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451		
Total BTEX	<0.300	0.300	04/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	368	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397		
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND						

Surrogate: 1-Chlorooctane 74.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.3 % 40.6-153

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Analytical Results For:

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

Received:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 02 0.5 (H252317-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	6000	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.7 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 02A 1 (H252317-10)

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	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	512	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 02B 2 (H252317-11)

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	04/21/2025	ND	2.15	107	2.00	0.213		
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172		
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567		
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451		
Total BTEX	<0.300	0.300	04/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	208	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397		
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND						

Surrogate: 1-Chlorooctane 81.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 03 1 (H252317-12)

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	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	848	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.4 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 04 1 (H252317-13)

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	04/21/2025	ND	2.15	107	2.00	0.213		
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172		
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567		
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451		
Total BTEX	<0.300	0.300	04/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	288	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397		
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND						

Surrogate: 1-Chlorooctane 84.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.4 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 05 1 (H252317-14)

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	04/21/2025	ND	2.15	107	2.00	0.213	
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451	
Total BTEX	<0.300	0.300	04/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	944	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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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:	04/17/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: BH 06 2 (H252317-15)

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	04/21/2025	ND	2.15	107	2.00	0.213		
Toluene*	<0.050	0.050	04/21/2025	ND	2.17	109	2.00	0.172		
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	2.13	107	2.00	0.567		
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.29	105	6.00	0.451		
Total BTEX	<0.300	0.300	04/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1070	16.0	04/21/2025	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	04/21/2025	ND	214	107	200	0.397		
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND						

Surrogate: 1-Chlorooctane 78.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Ensolum, LLC	P.O. #:	BILL TO	ANALYSIS REQUEST
Project Manager: Tracy Hillard	Company: XTO Energy Inc.		
Address: 3122 National Parks Hwy	Attn: Colton Brown		
City: Carlsbad	Address: 3104 E. Green St.		
Phone #: 337 257-8307	City: Carlsbad		
Fax #:	State: NM Zip: 88220		
Project #: 03C1558652	Project Owner: XTO		
Project Name: Poker Lake DTD Pond - Spill	Phone #:		
Project Location:	Fax #:		
Sampler Name: Connor Whitman			

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HS237	5507	0.5	G	1							11/21	11:29			
	5508										11/21	11:25			
	5509										11/21	11:27			
	5510										11/21	11:37			
	5511										11/21	11:20			
	5512										11/21	11:25			
	BH01	2									11/21	11:50			
	BH01A	3									11/21	11:45			
	BH02	0.5									11/21	11:50			
	BH02A	1									11/21	11:50			

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Relinquished By: *CTH* **Received By:** *Muana Chastity*

Date: 7-17-25 **Time:** 13:40

Turnaround Time: Standard Bacteria (only) Add'l Phone #:

REMARKS: Cost Center Pending Incident ID: nAPP2509828749

Delivered By: (Circle One) UPS Bus Other

Temperature: 4.4 °C **Sample Condition:** Cool Intact Yes No

Checked By: *CTH*

Turnaround Time: 48h **Standard** **Bacteria (only)** **Add'l Phone #:**

Thermometer ID: 481 **Cool Intact** **Yes** **No**

Corrected Temp. °C: 4.4

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Tracy Hilliard
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 337 257-8307 Fax #:
 Project #: 03C1558652 Project Owner: XTO
 Project Name: Poker Lake DTD Pond - Spill
 Project Location:
 Sampler Name: Connor Whitman
 P.O. #:
 Company: XTO Energy Inc.
 Attn: Colton Brown
 Address: 3104 E. Green St.
 City: Carlsbad
 State: NM Zip: 88220
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HTS2317	BH02B	2	G	1							4-18-25	1155			
	BH03	1										1210			
	BH04	1										1215			
	BH05	1										1225			
	BH06	2										1245			

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Relinquished By: *CH*
 Date: 7/3/25
 Received By: *Tracy Hilliard*
 Date: 4-17-25
 Received By: *Tracy Hilliard*

Delivered By: (Circle One) UPS Bus Other:
 Sampler Temp: 4.1 °C
 Corrected Temp: 4.4 °C
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *TH*
 Turnaround Time: Standard Expedited
 Bacteria (only) Sample Condition Cool Intact Yes No
 Corrected Temp: °C



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

May 28, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 05/27/25 13:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 01 1.5' (H253147-01)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	400	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.1 % 40.6-153

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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:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 02 1.5' (H253147-02)

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	05/27/2025	ND	2.05	103	2.00	8.93		
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31		
Total BTEX	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	05/28/2025	ND	480	120	400	18.2		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513		
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503		
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 03 1.5' (H253147-03)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.4 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 04 1.5' (H253147-04)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.9 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 06 2' (H253147-05)

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	05/27/2025	ND	2.05	103	2.00	8.93		
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31		
Total BTEX	<0.300	0.300	05/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/28/2025	ND	480	120	400	18.2		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513		
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503		
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND						

Surrogate: 1-Chlorooctane 97.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 08 2' (H253147-06)

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	05/27/2025	ND	2.05	103	2.00	8.93		
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31		
Total BTEX	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	05/28/2025	ND	480	120	400	18.2		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513		
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503		
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND						

Surrogate: 1-Chlorooctane 95.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.7 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 10 1.5' (H253147-07)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.9 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 11 1.5' (H253147-08)

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	05/27/2025	ND	2.05	103	2.00	8.93		
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31		
Total BTEX	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	05/28/2025	ND	480	120	400	18.2		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513		
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503		
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND						

Surrogate: 1-Chlorooctane 99.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.6 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 12 1.5' (H253147-09)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 13 3' (H253147-10)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.2 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 15 1.5' (H253147-11)

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	05/27/2025	ND	2.05	103	2.00	8.93		
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31		
Total BTEX	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/28/2025	ND	480	120	400	18.2		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513		
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503		
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND						

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.5 % 40.6-153

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Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/22/2025
Reported:	05/28/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 09 1.5' (H253147-12)

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	05/27/2025	ND	2.05	103	2.00	8.93	
Toluene*	<0.050	0.050	05/27/2025	ND	2.10	105	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.05	102	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.04	101	6.00	7.31	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/28/2025	ND	480	120	400	18.2	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- A-01 ending cvv failed high biased all samples below mdl
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Ensolium, LLC	P.O. #:
Project Manager: Tracy Huard	Company: XTO Energy Inc.
Address: 3122 National Parks Hwy	Attn: LYDIA BEAUM
City: Carlsbad	Address: 3104 E Green St
State: NM	City: CARLSBAD
Zip: 88220	State: NM
Phone #: 575-957-5906	Zip: 88220
Fax #:	Phone #:
Project #: 03C/SS8652	Project Owner: XTO ENERGY
Project Name: ROSE LAKE DTD POND-Spill	
Project Location: (32.208278, -103.899306)	
Sampler Name: CHRIS HIGHLIGHT	

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HS33147	FS01	1.5		1						5/24/25	0940				
	FS02	1.5		1						5/24/25	0944				
	FS03	1.5		1						5/24/25	0947				
	FS04	1.5		1						5/24/25	0949				
	FS06	2		1						5/24/25	115				
	FS08	2		1						5/24/25	1119				
	FS10	1.5		1						5/24/25	1221				
	FS11	1.5		1						5/24/25	1224				
	FS12	1.5		1						5/24/25	1227				
	FS13	3		1						5/24/25	1230				

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Relinquished By: *Chris Hight* Date: 5-27-25 Received By: *William Blake* Time: 1353 Received By: *William Blake*

Relinquished By: *Chris Hight* Date: *5-27-25* Received By: *William Blake* Time: *1353* Received By: *William Blake*

Delivered By: (Circle One) UPS Bus Other:

Observed Temp.: 08°C Sample Condition: Cool Intact Yes No

Corrected Temp.: 11°C Yes No

Checked By: *William Blake*

Turnaround Time: Standard Rush

Thermometer ID: *4030*

Remarks: Incident: *APP 509 828 749* AFE: *48605000*

Cost Center: *229 276 189* AFE: *EH: 2025, 16197*

FORM-006 R.3.2 10/07/21 Cardinal cannot accept verbal changes. Please email changes to colley.keene@cardinallabsnm.com



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

May 30, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 05/29/25 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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,

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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 14 3' (H253206-01)

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	05/29/2025	ND	1.90	94.8	2.00	1.81	
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70	
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32	
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26	
Total BTEX	<0.300	0.300	05/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	05/30/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196	
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 16 3' (H253206-02)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/30/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 17 3' (H253206-03)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/30/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 18 3' (H253206-04)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/30/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 20 2' (H253206-05)

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	05/29/2025	ND	1.90	94.8	2.00	1.81	
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70	
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32	
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26	
Total BTEX	<0.300	0.300	05/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/30/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196	
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 21 2' (H253206-06)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 19 3' (H253206-07)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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Analytical Results For:

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

Received:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 01 0-2' (H253206-08)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 112 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 02 0-4' (H253206-09)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 03 0-3' (H253206-10)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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Analytical Results For:

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

Received:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 05 4' (H253206-11)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

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Analytical Results For:

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

Received:	05/29/2025	Sampling Date:	05/27/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 07 4' (H253206-12)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 79.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC	P.O. #:
Project Manager: Tracy Hillard	Company: XTO Energy Inc.
Address: 3122 National Parks Hwy	Attn: David Beavin
City: Carlsbad	Address: 304 E Green St.
State: NM	City: Carlsbad
Zip: 88220	State: NM
Phone #: 575-937-5906	Zip: 88220
Fax #:	Phone #:
Project #: OBC1558652	Project Owner:
Project Name: RICE LAKE DTD PWD-Spill	
Project Location: (S2.208278, -105.899302)	
Sampler Name: Myles Haight	Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	FOR LAB USE ONLY		MATRIX						PRESERV		SAMPLING		DATE	TIME	Chlorides	TPH	BTEX
			(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
HS3206	FS14	3'	C	1											0854				
	FS16	3'	C	1											0845				
	FS17	3'	C	1											1127				
	FS18	3'	C	1											1134				
	FS20	2'	C	1											1140				
	FS21	2'	C	1											1221				
	FS19	3'	C	1											1343				
	SA101	0-2'	C	1											1400				
	SA102	0-4'	C	1											1400				
	SA103	0-3'	C	1											1307				

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Relinquished By: [Signature]	Date: 5/27/25	Received By: [Signature]	Date: 5/27/25
Relinquished By: [Signature]	Date: 5/29/25	Received By: [Signature]	Date: 5/29/25
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Turnaround Time: 19:40	Temperature: -1.2	Corrected Temp.: -0.9
Sample Condition: Cool Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Checked By: [Signature]	Thermometer ID: #140	Flush: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: All Results are emailed. Please provide Email address: Hillard@ensolum.com David@ensolum.com Hanson@ensolum.com Cory@ensolum.com	Verbal Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:	AFE: Ed 2025 1117



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: Ensolium, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad State: NM Zip: 88220

Phone #: 575.937.5906 Fax #: Project Owner:

Project #: 0821558652

Project Name: Brier Lake DTD ROWD-Spill

Project Location: 32.208278, -105.899306

Sampler Name: Alexis Hagar

P.O. #: Company: XTO Energy Inc.
Attn: DON DEAN
Address: 304 E. GREEN ST.
City: LASAGA State: NM Zip: 88220

Phone #: Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H253206																	
	11 FS05	4'	C	1			✓					9/18/15	1408	✓	✓	✓	
	12 FS07	4'	C	1			✓					9/18/15	1430	✓	✓	✓	

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Relinquished By: _____ Received By: _____

Date: 9/29/15

Time: 1340

Observed Temp: -1.8 C Corrected Temp: 0.9 C

Sample Condition: Cool Intact Yes No

Checked By: _____

Remarks: Incident: 9/29/15 1417 AFE: 2005.1417
Coat Center: 229141001 AFE: 4140500

Turnaround Time: Standard Bacteria (only)
Thermometer ID: 241K #4140500 Cool Intact Yes No
Corrected Temp: 0.3 C

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



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

May 30, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 05/29/25 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	05/29/2025	Sampling Date:	05/28/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 22 1.5' (H253207-01)

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	05/29/2025	ND	1.90	94.8	2.00	1.81	
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70	
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32	
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26	
Total BTEX	<0.300	0.300	05/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	05/30/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196	
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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:	05/29/2025	Sampling Date:	05/28/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 23 1.5' (H253207-02)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 115 % 44.4-145

Surrogate: 1-Chlorooctadecane 124 % 40.6-153

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:	05/29/2025	Sampling Date:	05/28/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 32 1.5' (H253207-03)

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	05/29/2025	ND	1.90	94.8	2.00	1.81	
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70	
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32	
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26	
Total BTEX	<0.300	0.300	05/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/30/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196	
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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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:	05/29/2025	Sampling Date:	05/28/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 35 1.5' (H253207-04)

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	05/29/2025	ND	1.90	94.8	2.00	1.81		
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70		
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32		
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26		
Total BTEX	<0.300	0.300	05/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/30/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196		
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/29/2025	Sampling Date:	05/28/2025
Reported:	05/30/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 36 1.5' (H253207-05)

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	05/29/2025	ND	1.90	94.8	2.00	1.81	
Toluene*	<0.050	0.050	05/29/2025	ND	1.98	99.1	2.00	1.70	
Ethylbenzene*	<0.050	0.050	05/29/2025	ND	1.96	98.1	2.00	1.32	
Total Xylenes*	<0.150	0.150	05/29/2025	ND	5.80	96.7	6.00	1.26	
Total BTEX	<0.300	0.300	05/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/30/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2025	ND	179	89.7	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/29/2025	ND	173	86.7	200	0.196	
EXT DRO >C28-C36	<10.0	10.0	05/29/2025	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1 of 1

Company Name: Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575.957.5906

Project #: OBCL558652

Project Name: Boxer Lake DTD Road-Soil

Project Location: 32.208278, -105.899306

Sampler Name: PHILIP HILGART

BILL TO

ANALYSIS REQUEST

P.O. #: _____

Company: XTO Energy Inc.

Attn: Carole Deakin

Address: 304 E Green St.

City: Carlsbad

State: NM Zip: 88220

Phone #: _____

Fax #: _____

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>HS3207</u>															
	F522	1.5	C	1	✓					5/25/05	12:15	✓	✓	✓	
	F523	1.5	C	1	✓					5/25/05	12:18	✓	✓	✓	
	F532	1.5	C	1	✓					5/25/05	15:34	✓	✓	✓	
	F535	1.5	C	1	✓					5/25/05	16:02	✓	✓	✓	
	F536	1.5	C	1	✓					5/25/05	16:04	✓	✓	✓	

Relinquished By: _____

Date: 5-29-05

Time: 13:40

Received By: _____

Date: _____

Time: _____

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: _____

Observed Temp. °C: -13

Corrected Temp. °C: -0.9

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

Verbal Results: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS: filled Ensolum.com Hamilton@ensolum.com Carly@ensolum.com

Incident: HRP259325.M AFE: EM 2005.JUN17

Cost Center: 127161001 AFE: 41405000

Turnaround Time: 24 Hr Standard Rush

Thermometer ID: 4135C Bacteria (only) Sample Condition

Corrected Temp. °C: _____



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

June 02, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 05/30/25 14:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW04 0-1.5' (H253251-01)

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	05/30/2025	ND	1.79	89.7	2.00	6.54	
Toluene*	<0.050	0.050	05/30/2025	ND	1.97	98.5	2.00	6.63	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.85	92.4	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.56	92.6	6.00	7.02	
Total BTEX	<0.300	0.300	05/30/2025	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	128	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW05 0-1.5' (H253251-02)

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	05/30/2025	ND	1.79	89.7	2.00	6.54		
Toluene*	<0.050	0.050	05/30/2025	ND	1.97	98.5	2.00	6.63		
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.85	92.4	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.56	92.6	6.00	7.02		
Total BTEX	<0.300	0.300	05/30/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 91.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.5 % 40.6-153

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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:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW06 0-2' (H253251-03)

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	05/30/2025	ND	1.79	89.7	2.00	6.54		
Toluene*	<0.050	0.050	05/30/2025	ND	1.97	98.5	2.00	6.63		
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.85	92.4	2.00	7.29		
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.56	92.6	6.00	7.02		
Total BTEX	<0.300	0.300	05/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

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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:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW07 0-4' (H253251-04)

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	05/30/2025	ND	1.97	98.3	2.00	4.28		
Toluene*	<0.050	0.050	05/30/2025	ND	2.09	105	2.00	2.68		
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	05/30/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	05/30/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 93.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.0 % 40.6-153

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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW08 0-2.5' (H253251-05)

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	05/30/2025	ND	1.97	98.3	2.00	4.28		
Toluene*	<0.050	0.050	05/30/2025	ND	2.09	105	2.00	2.68		
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	05/30/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	05/30/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 85.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW09 0-2' (H253251-06)

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	05/30/2025	ND	1.97	98.3	2.00	4.28	
Toluene*	<0.050	0.050	05/30/2025	ND	2.09	105	2.00	2.68	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	6.41	107	6.00	1.58	
Total BTEX	<0.300	0.300	05/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.3 % 40.6-153

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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW10 0-2' (H253251-07)

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	05/30/2025	ND	1.97	98.3	2.00	4.28	
Toluene*	<0.050	0.050	05/30/2025	ND	2.09	105	2.00	2.68	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	6.41	107	6.00	1.58	
Total BTEX	<0.300	0.300	05/30/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 34 2' (H253251-08)

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	05/30/2025	ND	1.80	90.1	2.00	3.28		
Toluene*	<0.050	0.050	05/30/2025	ND	1.87	93.3	2.00	3.46		
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.84	92.1	2.00	3.19		
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.41	90.2	6.00	3.44		
Total BTEX	<0.300	0.300	05/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 80.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/30/2025
Reported:	06/02/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 41 2' (H253251-09)

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	05/31/2025	ND	1.79	89.4	2.00	8.17		
Toluene*	<0.050	0.050	05/31/2025	ND	1.95	97.3	2.00	6.98		
Ethylbenzene*	<0.050	0.050	05/31/2025	ND	1.81	90.7	2.00	7.89		
Total Xylenes*	<0.150	0.150	05/31/2025	ND	5.42	90.4	6.00	7.80		
Total BTEX	<0.300	0.300	05/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/02/2025	ND	416	104	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	06/02/2025	ND	199	99.6	200	2.26		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 80.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.1 % 40.6-153

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: **Ensolium, LLC**
 Project Manager: **TRACY HILLARD**
 Address: **3122 National Parks Hwy**
 City: **Carlsbad** State: **NM** Zip: **88220**
 Phone #: **575 937 3906** Fax #: **575 393 2476**
 Project #: **03C1558652** Project Owner: **XTO ENERGY**
 Project Name: **POKER LAKE DTD TOWN** City: **CARLSBAD**
 Project Location: **(32.208278, -103.999306)** State: **NM** Zip: **88220**
 Sampler Name: **Chairs Height** Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.			
1	SM04	0-1.5		1							5/30/15	0846	BTEX	
2	SM05	0-1.5		1							5/30/15	0844	TPH	
3	SM06	0-2		1							5/30/15	0850	CHLORIDES	
4	SM07	0-4		1							5/30/15	0950		
5	SM08	0-2.5		1							5/30/15	0946		
6	SM09	0-2		1							5/30/15	0952		
7	SM10	0-2		1							5/30/15	0958		
8	FS34	2		1							5/30/15	1045		
9	FS41	2		1							5/31/15	1040		

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Relinquished By: *[Signature]* Date: **5/31/15** Time: **12:46**
 Received By: *[Signature]* Date: **5/31/15** Time: **12:46**

Delivered By: (Circle One) **UPS** Observed Temp. °C: **18.0** Sample Condition: **Intact** Checked By: *[Signature]*
 Sampler - UPS - Bus - Other: **UPS** Corrected Temp. °C: **5.1** Cool Yes No
 Bacteria (only) Sample Condition: **Intact** Observed Temp. °C: **18.0** Corrected Temp. °C: **5.1** Cool Yes No

Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address: **hillard@ensolium.com**
 REMARKS: **Incident: n APR 25 09 22:57:49** **AF#: EM-2025-16197**
Cor Letter: 2292961001 **AF#: 48005000**
Turnaround Time: Standard **Rush**
Thermometer ID: 113 **AP 5:30 05**
Thermometer Error: 0.3
 † Cardinal cannot accept verbal changes. Please email changes to **celcy.keene@cardinallabsnm.com**



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

June 03, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/02/25 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 09 4 (H253261-01)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	320	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.6 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 37 1.5 (H253261-02)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 96.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.8 % 40.6-153

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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:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 38 2 (H253261-03)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.0 % 40.6-153

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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:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 39 2 (H253261-04)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.0 % 40.6-153

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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:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 40 1.5 (H253261-05)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 94.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.1 % 40.6-153

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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:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 42 1.5 (H253261-06)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.9 % 40.6-153

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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:	06/02/2025	Sampling Date:	05/29/2025
Reported:	06/03/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 43 1.5 (H253261-07)

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	06/02/2025	ND	1.84	91.9	2.00	3.58		
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/03/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575 437 3906

Project #: 03C1558652

Project Name: Polar Lake DTD Pond - spill

Project Location: J2, 20821st - 103, 894506

Sampler Name: Trogling Barbely

BILL TO

P.O. #: _____

Company: XTO Energy Inc

Attn: Colton Brown

Address: 3104 E Green St

City: Carlsbad

State: NM Zip: 88220

Phone #: _____

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING
					GROUNDWATER		
					WASTEWATER		
					SOIL		
					OIL		
					SLUDGE		
					OTHER :		
					ACID/BASE:		
					ICE / COOL		
					OTHER :		

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chlorides	TPH	BTEX
HS33261	FS09	4	C	1				5/29/25	0925	X	X	X
	FS37	1.5	C	1					1235	X	X	X
	FS38	2	C	1					1025	X	X	X
	FS39	2	C	1					1030	X	X	X
	FS40	1.5	C	1					1035	X	X	X
	FS42	1.5	C	1					1240	X	X	X
	FS43	1.5	C	1					1245	X	X	X

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Relinquished By: _____
 Date: 6-3-25
 Time: 1:50
 Received By: _____
 Date: _____
 Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____
 Observed Temp. °C: 1.8
 Corrected Temp. °C: 1.5
 Sample Condition: Cool Intact Yes No

Checked By: _____
 Initials: _____
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Corrected Temp. °C: _____

REMARKS: APP 2509828719 AFG: EW, 2025, 14117
 Incident: W Hillard @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
 Cost Center: 229296101
 Turnaround Time: 24 hr
 Thermometer ID: #1008
 Form ID: #0.32



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

June 23, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/02/25 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 33 2'	H253262-01	Soil	30-May-25 13:55	02-Jun-25 11:50
FS 44 2'	H253262-02	Soil	30-May-25 14:21	02-Jun-25 11:50
FS 45 1.5'	H253262-03	Soil	30-May-25 14:50	02-Jun-25 11:50

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	------------------------------

**FS 33 2'
H253262-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	5060307	AC	03-Jun-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5060216	JH	02-Jun-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	5060216	JH	02-Jun-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	

Surrogate: 1-Chlorooctane			102 %		44.4-145	5060218	MS	02-Jun-25	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		40.6-153	5060218	MS	02-Jun-25	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	------------------------------

**FS 44 2'
H253262-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	192		16.0	mg/kg	4	5060307	AC	03-Jun-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5060216	JH	02-Jun-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		5060216	JH	02-Jun-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			101 %	44.4-145		5060218	MS	02-Jun-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %	40.6-153		5060218	MS	02-Jun-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
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**FS 45 1.5'
H253262-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	5060307	AC	03-Jun-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5060216	JH	02-Jun-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5060216	JH	02-Jun-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		5060216	JH	02-Jun-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5060218	MS	02-Jun-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %	44.4-145		5060218	MS	02-Jun-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	40.6-153		5060218	MS	02-Jun-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5060307 - 1:4 DI Water										
Blank (5060307-BLK1)										
Prepared & Analyzed: 03-Jun-25										
Chloride	ND	16.0	mg/kg							
LCS (5060307-BS1)										
Prepared & Analyzed: 03-Jun-25										
Chloride	480	16.0	mg/kg	400		120	80-120			
LCS Dup (5060307-BSD1)										
Prepared & Analyzed: 03-Jun-25										
Chloride	480	16.0	mg/kg	400		120	80-120	0.00	20	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5060216 - Volatiles

Blank (5060216-BLK1)

Prepared & Analyzed: 02-Jun-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0566		mg/kg	0.0500		113	71.5-134			

LCS (5060216-BS1)

Prepared & Analyzed: 02-Jun-25

Benzene	1.84	0.050	mg/kg	2.00		91.9	76.3-129			
Toluene	1.92	0.050	mg/kg	2.00		96.0	84.1-129			
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.0	80.1-133			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	81.4-134			
o-Xylene	1.94	0.050	mg/kg	2.00		97.1	81.4-133			
Total Xylenes	5.95	0.150	mg/kg	6.00		99.2	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500		103	71.5-134			

LCS Dup (5060216-BSD1)

Prepared & Analyzed: 02-Jun-25

Benzene	1.90	0.050	mg/kg	2.00		95.2	76.3-129	3.58	15.8	
Toluene	2.01	0.050	mg/kg	2.00		100	84.1-129	4.38	15.9	
Ethylbenzene	2.00	0.050	mg/kg	2.00		99.9	80.1-133	4.04	16	
m,p-Xylene	4.17	0.100	mg/kg	4.00		104	81.4-134	3.92	16.2	
o-Xylene	2.02	0.050	mg/kg	2.00		101	81.4-133	4.03	16.7	
Total Xylenes	6.19	0.150	mg/kg	6.00		103	81.5-134	3.96	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	71.5-134			

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Caley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:44
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5060218 - General Prep - Organics

Blank (5060218-BLK1)		Prepared & Analyzed: 02-Jun-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.5		mg/kg	50.0		99.0	44.4-145			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0		100	40.6-153			
LCS (5060218-BS1)		Prepared & Analyzed: 02-Jun-25								
GRO C6-C10	207	10.0	mg/kg	200		104	81.5-123			
DRO >C10-C28	205	10.0	mg/kg	200		103	77.7-122			
Total TPH C6-C28	412	10.0	mg/kg	400		103	80.9-121			
Surrogate: 1-Chlorooctane	53.2		mg/kg	50.0		106	44.4-145			
Surrogate: 1-Chlorooctadecane	54.5		mg/kg	50.0		109	40.6-153			
LCS Dup (5060218-BSD1)		Prepared & Analyzed: 02-Jun-25								
GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123	1.30	13	
DRO >C10-C28	204	10.0	mg/kg	200		102	77.7-122	0.662	15.6	
Total TPH C6-C28	414	10.0	mg/kg	400		103	80.9-121	0.329	18.5	
Surrogate: 1-Chlorooctane	52.9		mg/kg	50.0		106	44.4-145			
Surrogate: 1-Chlorooctadecane	54.1		mg/kg	50.0		108	40.6-153			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

June 23, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/02/25 16:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 07 4.5'	H253277-01	Soil	02-Jun-25 08:41	02-Jun-25 16:04
FS 50 1.5'	H253277-02	Soil	02-Jun-25 09:55	02-Jun-25 16:04
FS 29 2'	H253277-03	Soil	02-Jun-25 11:18	02-Jun-25 16:04

06/23/25 - Client changed the sample ID on -03 (see COC). This is the revised report and will replace the one sent on 06/03/25.

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	------------------------------

FS 07 4.5'
H253277-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	240		16.0	mg/kg	4	5060309	AC	03-Jun-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5060225	JH	02-Jun-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		5060225	JH	02-Jun-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	

Surrogate: 1-Chlorooctane			90.5 %	44.4-145		5060233	MS	03-Jun-25	8015B	
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Surrogate: 1-Chlorooctadecane			88.5 %	40.6-153		5060233	MS	03-Jun-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	------------------------------

FS 50 1.5'
H253277-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	5060309	AC	03-Jun-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5060225	JH	02-Jun-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		5060225	JH	02-Jun-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.6 %	44.4-145		5060233	MS	03-Jun-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			98.2 %	40.6-153		5060233	MS	03-Jun-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
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**FS 29 2'
H253277-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	5060309	AC	03-Jun-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5060225	JH	02-Jun-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5060225	JH	02-Jun-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		5060225	JH	02-Jun-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5060233	MS	03-Jun-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.6 %	44.4-145		5060233	MS	03-Jun-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.0 %	40.6-153		5060233	MS	03-Jun-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5060309 - 1:4 DI Water										
Blank (5060309-BLK1)										
Prepared & Analyzed: 03-Jun-25										
Chloride	ND	16.0	mg/kg							
LCS (5060309-BS1)										
Prepared & Analyzed: 03-Jun-25										
Chloride	368	16.0	mg/kg	400		92.0	80-120			
LCS Dup (5060309-BSD1)										
Prepared & Analyzed: 03-Jun-25										
Chloride	432	16.0	mg/kg	400		108	80-120	16.0	20	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5060225 - Volatiles

Blank (5060225-BLK1)

Prepared & Analyzed: 02-Jun-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			

LCS (5060225-BS1)

Prepared & Analyzed: 02-Jun-25

Benzene	2.26	0.050	mg/kg	2.00		113	76.3-129			
Toluene	2.04	0.050	mg/kg	2.00		102	84.1-129			
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	80.1-133			
m,p-Xylene	4.26	0.100	mg/kg	4.00		106	81.4-134			
o-Xylene	2.16	0.050	mg/kg	2.00		108	81.4-133			
Total Xylenes	6.42	0.150	mg/kg	6.00		107	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.7	71.5-134			

LCS Dup (5060225-BSD1)

Prepared & Analyzed: 02-Jun-25

Benzene	2.23	0.050	mg/kg	2.00		111	76.3-129	1.30	15.8	
Toluene	2.02	0.050	mg/kg	2.00		101	84.1-129	1.18	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	80.1-133	1.03	16	
m,p-Xylene	4.26	0.100	mg/kg	4.00		106	81.4-134	0.0410	16.2	
o-Xylene	2.15	0.050	mg/kg	2.00		108	81.4-133	0.372	16.7	
Total Xylenes	6.41	0.150	mg/kg	6.00		107	81.5-134	0.0979	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.5	71.5-134			

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE DTD POND - SPILLS Project Number: 03C1558652 Project Manager: TRACY HILLARD Fax To:	Reported: 23-Jun-25 15:49
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5060233 - General Prep - Organics

Blank (5060233-BLK1)		Prepared: 02-Jun-25 Analyzed: 03-Jun-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	48.8		mg/kg	50.0		97.6	44.4-145			
<i>Surrogate: 1-Chlorooctadecane</i>	49.0		mg/kg	50.0		98.1	40.6-153			

LCS (5060233-BS1)		Prepared: 02-Jun-25 Analyzed: 03-Jun-25								
GRO C6-C10	211	10.0	mg/kg	200		105	81.5-123			
DRO >C10-C28	196	10.0	mg/kg	200		98.0	77.7-122			
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121			
<i>Surrogate: 1-Chlorooctane</i>	51.1		mg/kg	50.0		102	44.4-145			
<i>Surrogate: 1-Chlorooctadecane</i>	52.1		mg/kg	50.0		104	40.6-153			

LCS Dup (5060233-BSD1)		Prepared: 02-Jun-25 Analyzed: 03-Jun-25								
GRO C6-C10	219	10.0	mg/kg	200		109	81.5-123	3.75	13	
DRO >C10-C28	204	10.0	mg/kg	200		102	77.7-122	3.88	15.6	
Total TPH C6-C28	422	10.0	mg/kg	400		106	80.9-121	3.81	18.5	
<i>Surrogate: 1-Chlorooctane</i>	52.7		mg/kg	50.0		105	44.4-145			
<i>Surrogate: 1-Chlorooctadecane</i>	53.2		mg/kg	50.0		106	40.6-153			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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June 10, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/09/25 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	06/09/2025	Sampling Date:	06/05/2025
Reported:	06/10/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 46 2.5 (H253415-01)

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	06/09/2025	ND	2.08	104	2.00	9.90	
Toluene*	<0.050	0.050	06/09/2025	ND	2.26	113	2.00	9.23	
Ethylbenzene*	<0.050	0.050	06/09/2025	ND	2.11	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/09/2025	ND	6.33	106	6.00	9.49	
Total BTEX	<0.300	0.300	06/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	06/09/2025	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	06/09/2025	ND	216	108	200	0.0648	
DRO >C10-C28*	<10.0	10.0	06/09/2025	ND	208	104	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	06/09/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.0 % 40.6-153

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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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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

1 of 1

Company Name: Ensolium, LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: TRACY HILLARD		Company: XTO Energy Inc.					
Address: 3122 National Parks Hwy		Attn: LARRY DEAN					
City: Carlsbad		Address: 304 E GREEN ST.					
State: NM Zip: 88220		City: ALBUQU					
Phone #: 575.937.5906		State: NM Zip: 88220					
Fax #: Project Owner: XTO ENERGY		Phone #:					
Project #: CBG1558652		Fax #:					
Project Name: RICE LAKE DTD FWD-SPILL		SAMPLING					
Project Location: (32.208278, -103.899306)							
Sampler Name: PHILIP HILGUT							

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH	BTEX	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
HES3415	FS46	2.5	C	1									6/5/15	1337	✓	✓	✓

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Relinquished By: *[Signature]* Date: 6-9-25 Received By: *[Signature]*

Relinquished By: *[Signature]* Date: 6-9-25 Received By: *[Signature]*

Delivered By: (Circle One) UPS Bus Other:

Observed Temp. °C: 22.5 Corrected Temp. °C: 22.5

Sample Condition: Cool Intact Yes No

Checked By: *[Signature]*

Turnaround Time: 24 hrs Standard Bacteria (only) Sample Condition Cool Intact Yes No

Thermometer ID: #1405500 Corrected Temp. °C: 20.30

Remarks: Hilland Ensolium.com Thomas@ensolium.com AFE: Ed. 2025.10.17

Cost Center: 229141001 Dept: 4605000

Verbal Results: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address: *[Email]*

FORM-008 R.3.2 10/07/21

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



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

June 13, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/12/25 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	06/12/2025	Sampling Date:	06/09/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 30 4' (H253487-01)

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	06/12/2025	ND	1.91	95.7	2.00	7.07	
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60	
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37	
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66	
Total BTEX	<0.300	0.300	06/12/2025	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	<16.0	16.0	06/13/2025	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	06/12/2025	ND	222	111	200	1.23	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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:	06/12/2025	Sampling Date:	06/09/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 31 4' (H253487-02)

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	06/12/2025	ND	1.91	95.7	2.00	7.07		
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60		
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37		
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66		
Total BTEX	<0.300	0.300	06/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	<16.0	16.0	06/13/2025	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	06/12/2025	ND	222	111	200	1.23		
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231		
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND						

Surrogate: 1-Chlorooctane 117 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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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:	06/12/2025	Sampling Date:	06/09/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 24 4' (H253487-03)

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	06/12/2025	ND	1.91	95.7	2.00	7.07		
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60		
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37		
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66		
Total BTEX	<0.300	0.300	06/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	64.0	16.0	06/13/2025	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	06/12/2025	ND	222	111	200	1.23		
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231		
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND						

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Mike Snyder For 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:	06/12/2025	Sampling Date:	06/09/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 25 4' (H253487-04)

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	06/12/2025	ND	1.91	95.7	2.00	7.07	
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60	
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37	
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66	
Total BTEX	<0.300	0.300	06/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/13/2025	ND	480	120	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	222	111	200	1.23	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	06/12/2025	Sampling Date:	06/09/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 26 4' (H253487-05)

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	06/12/2025	ND	1.91	95.7	2.00	7.07	
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60	
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37	
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66	
Total BTEX	<0.300	0.300	06/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	06/13/2025	ND	480	120	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	222	111	200	1.23	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 120 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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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:	06/12/2025	Sampling Date:	06/09/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 11 0-4' (H253487-06)

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	06/12/2025	ND	1.91	95.7	2.00	7.07		
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60		
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37		
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66		
Total BTEX	<0.300	0.300	06/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/13/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	222	111	200	1.23		
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231		
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND						

Surrogate: 1-Chlorooctane 115 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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



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

Notes and Definitions

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

Cardinal Laboratories

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Mike Snyder For 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

2 of 1

BILL TO

ANALYSIS REQUEST

Project Manager: Tracy Hillard
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 575.937.5906 Fax #:
 Project #: 08C1558652 Project Owner: XTO Energy
 Project Name: Boxe Lake DTD Pond-Spill
 Project Location: (32.208278, -105.899306)
 Sampler Name: Chris Hrigar

P.O. #:
 Company: XTO Energy Inc.
 Attn: Carson Bean
 Address: 301 E Green St.
 City: Carlsbad
 State: NM Zip: 88220
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
<u>H853487</u>																
	F330	4	C	1								6/9/15	1132	✓	✓	✓
	F331	4	C	1								6/9/15	1136	✓	✓	✓
	F324	4	C	1								6/9/15	1329	✓	✓	✓
	F325	4	C	1								6/9/15	1333	✓	✓	✓
	F326	4	C	1								6/9/15	1341	✓	✓	✓
	SM11	0-4	C	1								6/9/15	1247	✓	✓	✓

PLEASE NOTE: Lastly and Designer's Cardboard safety and direct enclosure (marked for any claim) safety warning issued in context of this, shall be visible to the amount paid by the client for the analysis. All dates including those for negligence and any other claims whatsoever shall be deemed unless unless noted in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories of recovery.

Relinquished By: [Signature] Date: 6/13/15 Time: 1:55

Received By: [Signature] Date: 6/13/15 Time: 1:55

Relinquished By: [Signature] Date: 6/13/15 Time: 1:55

Received By: [Signature] Date: 6/13/15 Time: 1:55

Delivered By: (Circle One) UPS

Observed Temp.: 4.1 Corrected Temp.: 4.4

Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other:

Checked By: [Signature]

Turnaround Time: 24 Hr Standard Rush Bacteria (only) Sample Condition: Cool Intact Yes No

FORM-006 R.3.2 10/07/21

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

Remarks: Hillard@evolution.com Thomas@evolution.com Unght@evolution.com

Incident #: 1100 AFE: ED 2015 10117

Cost Center: 1271141001 AFE: 41405960

Thermometer ID: 1100 Corrected Temp. °C



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

June 13, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/12/25 12:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	06/12/2025	Sampling Date:	06/10/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 47 3' (H253488-01)

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	06/12/2025	ND	1.91	95.7	2.00	7.07	
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60	
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37	
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66	
Total BTEX	<0.300	0.300	06/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	192	16.0	06/13/2025	ND	480	120	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	222	111	200	1.23	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 112 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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



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

Analytical Results For:

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

Received:	06/12/2025	Sampling Date:	06/10/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 48 3' (H253488-02)

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	06/12/2025	ND	1.91	95.7	2.00	7.07	
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60	
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37	
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66	
Total BTEX	<0.300	0.300	06/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	96.0	16.0	06/13/2025	ND	480	120	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	222	111	200	1.23	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 119 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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

Analytical Results For:

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

Received:	06/12/2025	Sampling Date:	06/10/2025
Reported:	06/13/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 12 0-3' (H253488-03)

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	06/12/2025	ND	1.91	95.7	2.00	7.07	
Toluene*	<0.050	0.050	06/12/2025	ND	2.01	101	2.00	6.60	
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	6.37	
Total Xylenes*	<0.150	0.150	06/12/2025	ND	5.94	98.9	6.00	6.66	
Total BTEX	<0.300	0.300	06/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	128	16.0	06/13/2025	ND	480	120	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	222	111	200	1.23	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	202	101	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 114 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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

1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Tracy HILKED

Address: 3122 National Parks Hwy

City: Carlsbad State: NM Zip: 88220

Phone #: 575.937.5906 Fax #: Project Owner: XTO ENERGY

Project #: 0801558652

Project Name: FOXE LAKE DTD ROAD-SPILL

Project Location: (32.208278, -105.899306)

Sampler Name: JAMES HILGART

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
HAS3188	ES47	3	C	1								4/1/15	1155	✓	✓	✓
	FS48	3	C	1								4/1/15	1156	✓	✓	✓
	SM12	0-3	C	1								4/1/15	1201	✓	✓	✓

PLEASE NOTE: Liability and Damages. Customer's liability and other vehicles involved for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. It is no event that Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services heretofore by Cardinal, regardless of whether such claim is based upon any of the above stated limitations or otherwise.

Relinquished By: [Signature] Date: 6-12-25 Received By: [Signature] Date: 7-8-25

Relinquished By: [Signature] Date: 7-8-25 Received By: [Signature] Date: 7-8-25

Delivered By: (Circle One) Observed Temp. °C: 4.1 Sample Condition Cool Intact Yes No

Sampler - UPS - Bus - Other: Corrected Temp. °C: 4.4 Checked Temp. °C: 4.1

Checked BY: [Signature]

Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Yes No

Thermometer ID: #1403 Corrected Temp. °C: 4.4

FORM-006 R 3.2 10/07/21 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

June 18, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/16/25 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 01 SURFACE (H253557-01)

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	06/16/2025	ND	1.88	94.1	2.00	1.14	
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999	
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923	
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221	
Total BTEX	<0.300	0.300	06/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	06/17/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 02 SURFACE (H253557-02)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/17/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 93.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.6 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 03 SURFACE (H253557-03)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	144	16.0	06/17/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.0 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 04 SURFACE (H253557-04)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/17/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.6 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 05 SURFACE (H253557-05)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/17/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.3 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 06 SURFACE (H253557-06)

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	06/16/2025	ND	1.88	94.1	2.00	1.14	
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999	
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923	
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221	
Total BTEX	<0.300	0.300	06/16/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/17/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 07 SURFACE (H253557-07)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	144	16.0	06/17/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.3 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 49 3 (H253557-08)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 82.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.9 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 08 SURFACE (H253557-09)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 91.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 09 SURFACE (H253557-10)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 13 0-3 (H253557-11)

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	06/16/2025	ND	1.88	94.1	2.00	1.14		
Toluene*	<0.050	0.050	06/16/2025	ND	1.91	95.3	2.00	0.999		
Ethylbenzene*	<0.050	0.050	06/16/2025	ND	1.85	92.5	2.00	0.923		
Total Xylenes*	<0.150	0.150	06/16/2025	ND	5.76	96.0	6.00	0.221		
Total BTEX	<0.300	0.300	06/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.1 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 10 SURFACE (H253557-12)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.1 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 11 SURFACE (H253557-13)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/12/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 12 SURFACE (H253557-14)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND						

Surrogate: 1-Chlorooctane 74.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.0 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: SW 14 0-1 (H253557-15)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/16/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/16/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.6 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 51 3 (H253557-16)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.2 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 52 1 (H253557-17)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.1 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 53 1 (H253557-18)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 75.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.4 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 54 1 (H253557-19)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	206	103	200	1.55		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	198	99.2	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 62.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 58.3 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 55 1 (H253557-20)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	206	103	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	198	99.2	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.6 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 56 1 (H253557-21)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 90.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.3 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 57 1 (H253557-22)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 92.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.9 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 58 1 (H253557-23)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 59 1 (H253557-24)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 60 1 (H253557-25)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 61 1 (H253557-26)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/17/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 62 1 (H253557-27)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 93.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 63 1 (H253557-28)

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	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 64 1 (H253557-29)

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	06/17/2025	ND	1.93	96.7	2.00	13.8	
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 65 1 (H253557-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 66 1 (H253557-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2025	ND	1.93	96.7	2.00	13.8		
Toluene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.9		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.99	99.5	2.00	12.5		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.04	101	6.00	11.0		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 92.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.6 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 27 2 (H253557-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	15.5	
Toluene*	<0.050	0.050	06/17/2025	ND	1.94	97.1	2.00	10.3	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.98	98.8	2.00	9.35	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.14	102	6.00	8.80	
Total BTEX	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/17/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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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:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: FS 28 2 (H253557-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	15.5		
Toluene*	<0.050	0.050	06/17/2025	ND	1.94	97.1	2.00	10.3		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.98	98.8	2.00	9.35		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.14	102	6.00	8.80		
Total BTEX	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 96.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.7 % 40.6-153

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Analytical Results For:

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

Received:	06/16/2025	Sampling Date:	06/13/2025
Reported:	06/18/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: CS 13 SURFACE (H253557-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	15.5		
Toluene*	<0.050	0.050	06/17/2025	ND	1.94	97.1	2.00	10.3		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	1.98	98.8	2.00	9.35		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.14	102	6.00	8.80		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	197	98.4	200	14.3		
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	178	88.8	200	1.10		
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND						

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.3 % 40.6-153

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 4

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Tracy Hillard
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 P.O. #: Company: XTO Energy Inc.
 Attn: Colton Brown
 Address: 3104 E. Green St.
 City: Carlsbad
 State: NM Zip: 88220
 Project #: 03C1558652 Project Owner: XTO
 Project Name: Poker Lake DTD Pond - Spill
 Project Location: Phone #:
 Sampler Name: Connor Whitman Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)COMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H253557	C501	Surface	C	1						6-12-25	930				
	C502										935				
	C503										1000				
	C504										1005				
	C505										1010				
	C506										1015				
	C507										1020				
	PS49	3									1145				
	C508	Surface									1210				
	C509										1215				

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Relinquished By: *lht*
 Date: *6-11-25*
 Time: *12:00*
 Received By: *APU*
 Date: *6-11-25*
 Time: *12:00*
 Received By: *APU*

Delivered By: (Circle One) UPS Bus Other: *UPS*
 Corrected Temp. *29.9*
 Sample Condition: Intact Broken
 Checked By: *APU*
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Intact Broken
 Corrected Temp. *29.9*
 Cardinal cannot accept verbal changes. Please email changes to *celery.kenneth@cardinallabsnm.com*



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 4

Company Name: Ensolum, LLC		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Tracy Hillard		Company: XTO Energy Inc.		Address: 3104 E. Green St.			
Address: 3122 National Parks Hwy		City: Carlsbad		State: NM Zip: 88220			
City: Carlsbad		State: NM Zip: 88220		City: Carlsbad			
Phone #: 337 257-8307		Fax #:		City: Carlsbad			
Project #: 03C1558652		Project Owner: XTO		State: NM Zip: 88220			
Project Name: Poker Lake DTD Pond - Spill		Phone #:		Fax #:			
Project Location:		Sampler Name: Connor Whitman					

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
11553557	SW13	0-3	C	1								6-25	150			
12	CS10	Surface		1									120			
13	CS11			1									1235			
14	CS12			1									1230			
15	SW14	0-1		1								6-15-26	900			
16	FSS1	3		1									905			
17	FSS2			1									910			
18	FSS3			1									915			
19	FSS4			1									920			
20	FSS5			1									925			

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Relinquished By: <i>[Signature]</i>	Date: 6/10/25	Received By: <i>[Signature]</i>	Date: 6/25/25
Relinquished By: <i>[Signature]</i>	Date: 12/20	Received By: <i>[Signature]</i>	Date: 6/25/25
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Overhead Temp. °C: 80 Corrected Temp. °C: 79.9	Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Observed <input type="checkbox"/> Corrected	CHECKED BY: <i>[Signature]</i>
REMARKS: Coal Center 2292961001 GFCM 48605000 AFE EW 2025 16197	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Thermometer ID: 1131410486 Correction Factor: 15003186	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: Hillard@ensolum.com, Morrissey@ensolum.com, khomasson@ensolum.com Incident ID: NAPP2509828748



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 4

Company Name: Ensolum, LLC		BILL TO	
Project Manager: Tracy Hillard		P.O. #:	
Address: 3122 National Parks Hwy		Company: XTO Energy Inc.	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 337 257-8307	Fax #:	Address: 3104 E. Green St.	
Project #: 03C1558652	Project Owner: XTO	City: Carlsbad	
Project Name: Poker Lake DTD Pond - Spill	State: NM Zip: 88220	Phone #:	
Project Location:	Fax #:	SAMPLING	
Sampler Name: Connor Whitman		PRESERV	

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
1335 3557																
B1	ES56	1	C 1	1							6-13-25	930				
B2	ES57	1										911				
B3	FS58	1										940				
B4	FS59	1										945				
B5	FC60	1										950				
B6	FC61	1										955				
B7	FC62	1										1000				
B8	FC63	1										1005				
B9	FC64	1										1010				
B10	FC65	1										1015				

PLUMBER NOTE: Lumber and Damages. Customers safety and health concerns remain for any items being removed from contact or not used as intended by the client for the analysis. All debris including those for negligence and any other cases whatsoever shall be disposed of in accordance with state and federal regulations. 30 days after completion of the analysis. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated warranties or otherwise.

Relinquished By: <i>TH</i>	Date: 10/10/25	Received By: <i>AP</i>
Time: 12:00		
Delivered By: (Circle One)	Corrected Temp. °C	Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		Checked By: <i>AP</i>
Turnaround Time: <i>15 min</i>	Standard	Bacteria (only) Sample Condition
Thermal ID: <i>15302596</i>	Rush	Cool Intact
Corrected Temp. °C: <i>15302596</i>		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Observed Temp. °C
		Corrected Temp. °C

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

424

Company Name: Ensolum, LLC
 Project Manager: Tracy Hillard
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 337 257-8307 Fax #:
 Project #: 03C1558652 Project Owner: XTO
 Project Name: Poker Lake DTD Pond - Spill
 Project Location:
 Sampler Name: Connor Whitman
 P.O. #:
 Company: XTO Energy Inc.
 Attn: Colton Brown
 Address: 3104 E. Green St.
 City: Carlsbad
 State: NM Zip: 88220
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
405355	B66	1	✓	1							6-13-25	10:20			
0209	K27	2										10:50			
0203	F28	2										11:00			
0201	F49	3										11:05			
0205	CS13	Surface										12:05			
NO SAMPLE															

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Relinquished By: *TH* Date: 6/16/25 Received By: *AP*
 Time: 13:20
 Relinquished By: *TH* Date: 6/16/25 Received By: *AP*

Delivered By: (Circle One) Overhead Temp. °C 20.0 ✓ Sample Condition Cool Intact Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C 20.1 ✓ Yes No
 CHECKED BY: (Initials) *AP*
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition Cool Intact Yes No No No Corrected Temp. °C
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

June 24, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE DTD POND - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/23/25 12:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

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:	06/23/2025	Sampling Date:	06/19/2025
Reported:	06/24/2025	Sampling Type:	Soil
Project Name:	POKER LAKE DTD POND - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558652	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.208278-103.899306		

Sample ID: BF 01 0' (H253742-01)

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	06/23/2025	ND	2.00	100	2.00	5.99		
Toluene*	<0.050	0.050	06/23/2025	ND	1.98	98.8	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	1.68		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.16	103	6.00	1.98		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	06/24/2025	ND	416	104	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	06/23/2025	ND	209	105	200	12.9		
DRO >C10-C28*	<10.0	10.0	06/23/2025	ND	191	95.3	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	06/23/2025	ND						

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Company Name: Ensolum, LLC

Project Manager: Tracy Hilliard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575.937.5906

State: NM Zip: 88220

Project #: CBEL558652

Fax #: Project Owner: XTO Energy

Project Name: Rye Lake DTD Road-Spill

Project Location: (32.208278, -105.899306)

Sampler Name: Alexis Heigart

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: XTO Energy Inc.

Attn: Gordon Deakin

Address: 304 E Green St.

City: Las Vegas

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

1 of 1

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
HB53742	18501	0'	C	1								6/14/15	1233	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: *Tracy Hilliard*

Date: 4-23-05
Time: 12:15

Received By: *Alexis Heigart*

Checked By: *AB*

Verbal Results: Yes No Add'l Phone #:
All Results are emailed. Please provide Email address:
thilliard@ensolum.com
Kthomas@ensolum.com
Cwright@ensolum.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C: 3.21
Corrected Temp. °C: 2.61

Sample Condition
Cool Intact: Yes No
Bacteria (only): Yes No

TURN/GRIND TIME: 29 min

Thermometer ID: #140
Standard: Standard Rush

Bacteria (only) Sample Condition
Cool Intact: Yes No
Corrected Temp. °C: 2.61

FORM-008 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to coley.keene@cardinallabsnm.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 482087

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509828749
Incident Name	NAPP2509828749 POKER LAKE DTD POND @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Poker Lake DTD Pond
Date Release Discovered	04/07/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Other (Specify) Produced Water Released: 146 BBL Recovered: 9 BBL Lost: 137 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Waterline

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**State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS, Page 2

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 04/08/2025
----------------------------------------------------	----------------------------------------------------------------------------------------------------------------

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

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 3

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
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 200 and 300 (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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 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	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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

Requesting a remediation plan approval with this submission	Yes
<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)	592
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	04/08/2025
On what date will (or did) the final sampling or liner inspection occur	06/19/2025
On what date will (or was) the remediation complete(d)	06/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	14475
What is the estimated volume (in cubic yards) that will be reclaimed	1280
What is the estimated surface area (in square feet) that will be remediated	14475
What is the estimated volume (in cubic yards) that will be remediated	1280

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Oil Conservation Division
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QUESTIONS, Page 4

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Ashley McAfee Email: ashley.a.mcafee@exxonmobil.com Date: 07/07/2025
----------------------------------------------------	----------------------------------------------------------------------------------

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

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Phone: (505) 476-3441

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QUESTIONS, Page 5

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

General Information
Phone: (505) 629-6116

Online Phone Directory
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Oil Conservation Division
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QUESTIONS, Page 6

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	473621
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/20/2025
What was the (estimated) number of samples that were to be gathered	70
What was the sampling surface area in square feet	14000

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	14475
What was the total volume (cubic yards) remediated	1280
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	14475
What was the total volume (in cubic yards) reclaimed	1280

Summarize any additional remediation activities not included by answers (above)	Site assessment, delineation and excavation activities were conducted at the Site to address the April 7, 2025, produced water release. Laboratory analytical results for all confirmation soil samples collected from the surface and final excavation extent indicated that all COC concentrations were compliant with the Closure Criteria. Based on the soil sample analytical results, no further remediation was required. The excavation was backfilled with material purchased locally and the Site recontoured to match pre-existing Site conditions. A Re-vegetation Report will be submitted to the NMOCD once vegetation growth in the reclaimed pasture area has uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).
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The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ashley McAfee Email: ashley.a.mcafee@exxonmobil.com Date: 07/07/2025
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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 7

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	14475
What was the total volume of replacement material (in cubic yards) for this site	1280
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	08/12/2025
Summarize any additional reclamation activities not included by answers (above)	Following backfill activities, the disturbed area was contoured to match the surrounding topography and the surface was prepared for seeding. Upon confirmation that the excavation was backfilled with non-waste containing material, the disturbed pasture area will be seeded with a certified weed-free seed mix. The BLM seed mix #2 for sandy sites will be used to seed the Site. The seed mix will be applied via drill seeding. The Site will be monitored for vegetation growth to ensure that reclamation activities were successful.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: Ashley McAfee Email: ashley.a.mcafee@exxonmobil.com Date: 07/07/2025

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QUESTIONS, Page 8

Action 482087

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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Santa Fe, NM 87505

CONDITIONS

Action 482087

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 482087
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	8/22/2025