

July 16, 2025

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

Re: Closure Request

**PLU C2 Recycle Facility** 

Incident Number NAPP2428555252

**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 delineation, excavation, and soil sampling activities performed at the PLU C2 Recycle Facility (Site). The purpose of excavation and soil sampling activities was to address impacted soil from a release of produced water at the Site. XTO is submitting this *Closure Request*, describing delineation and excavation activities that have occurred and requesting no further remediation for Incident Number NAPP2428555252.

#### SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit H, Section 11, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.1478226°, -103.8447066°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On October 11, 2024, human error with a pump resulted in the release of 36 barrels (bbls) of produced water onto the caliche surface of a pipeline production work area, and into the adjacent right-of-way (ROW) and pasture area. No fluids were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and Initial C-141 Application (C-141) on October 11, 2024 and the release was assigned Incident Number NAPP2428555252.

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess 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 and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. A United States Geological Survey (USGS) well, USGS320856103502801, is located 0.2 miles northeast from the Site. The most recent depth to groundwater data available is from January 28, 1998. The depth to groundwater was reported as 390.08 feet bgs with a total depth of 482 feet bgs. A pedestrian survey was conducted and the USGS well was

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unable to be located. On March 26, 2025, New Mexico Office of State Engineer (OSE) permitted soil boring (C-04948) was advanced to a depth of 105 feet bgs via hollow stem auger drilling method. The borehole was located approximately 0.3 miles northwest of the Site and is depicted on Figure 1. A field geologist logged and described soils continuously. The borehole lithologic/soil sampling log is included in Appendix B. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned using hydrated bentonite chips. The well log and records are provided in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland located approximately 2,193 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Based on the results of the Site Characterization, 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)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

#### SITE ASSESSMENT AND DELINEATION ACTIVITIES

On November 22, 2024 Ensolum personnel conducted site assessement and delineation activities to evaluate the release extent based on information provided on the C-141 and visual observations. Ensolum personnel advanced six delineation boreholes (BH01 through BH06) via hand auger within the release extent to terminal depths ranging from 1-foot to 3 feet bgs. Discrete soil samples were collected from each borehole at depths ranging from 0.5 feet bgs to 3 feet bgs. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix C. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and 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 (COC): BTEX following United States Environmental

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Protection Agency (EPA) Method 8021B; TPH- GRO, TPH- DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

Laboratory analytical results for all delineation soil samples indicated all COCs were in compliance with Closure Criteria. Laboratory analytical results for delineation boreholes BH02, BH03, and BH04 all collected at 0.5 feet bgs and BH03 collected at 3 feet bgs indicated chloride concentrations exceeded the reclamation requirement. Delineation borehole BH03 was unable to be fully delineated due to hand auger refusal at 3 feet bgs. All other delineation soil samples collected at the terminal depths of each borehole indicated COC concentrations were compliant with the Closure Criteria and applicable reclamation requirement. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix D. Based on delineation soil sample laboratory analytical results, excavation of impacted soil was warranted.

#### **EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES**

Between March 18 and April 24, 2025, Ensolum personnel returned to the Site to oversee excavation of impacted soil. Excavation activities were performed by the use of heavy equipment. To direct excavation activities, soil was field screened for VOCs and chloride as described above. Once field screening results indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 400 square feet from the floor and sidewalls of the excavation extent according to the approved sampling frequency variance request. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples CS01 through CS34 were collected from within the release area on the surface at a depth of 0.5 feet bgs. Confirmation soil samples FS001 through FS157 were collected from the floor of the excavation at depths ranging from 1-foot bgs to 3 feet bgs. Confirmation soil samples SW01 through SW34 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 3 feet bgs. The soil samples were handled, transported, and submitted as described above to Cardinal in Hobbs, New Mexico. The excavation extent and confirmation soil sample locations are depicted on Figure 3, respectively. Photographic documentation of the excavation activities is provided in Appendix C.

Additionally, delineation soil samples SS01 through SS07 were collected from a depth of 0.5 feet bgs around the release extent and excavation to confirm lateral extent of the release in areas immediately adjacent to the location of surface confirmation soil samples. The delineation soil samples are depicted on Figure 2. The soil samples were handled, transported, and submitted as described above to Cardinal in Hobbs, New Mexico.

The final excavation extent measured approximately 48,175 square feet. A total of approximately 3,500 cubic yards of impacted soil were removed during the excavation activities. As of the date of this report, the impacted soil removed from the site is still in process of being transported and disposed of at the R360 Halfway Disposal Facility in Hobbs, New Mexico. Backfill of the excavation is ongoing with topsoil material purchased locally and the area will be recontoured to match pre-existing Site conditions.

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation soil samples indicated all COCs were in compliance with Site Closure Criteria and reclamation requirements. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix C.



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#### **CLOSURE REQUEST**

Excavation activities were conducted at the Site to address the October 11, 2024, release of produced water. Laboratory analytical results for all confirmation soil samples submitted indicated all COC concentrations were compliant with the Site Closure Criteria. Based on soil sample laboratory analytical results, no further remediation is required. Backfill of the excavation is ongoing with material purchased locally and the area will be recontoured to match pre-existing Site conditions.

Excavation of soil has mitigated impacted soil from the Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number NAPP2428555252.

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

Sincerely,

**Ensolum, LLC** 

Tracy Hillard Project Engineer

Tour Hitland

Tacoma Morrissey Associate Principal

Nouissey

cc: Colton Brown, XTO

Kaylan Dirkx, XTO

BLM

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3A & 3B Confirmation Soil Sample Locations
Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

Appendix B Lithologic / Soil Sampling Logs

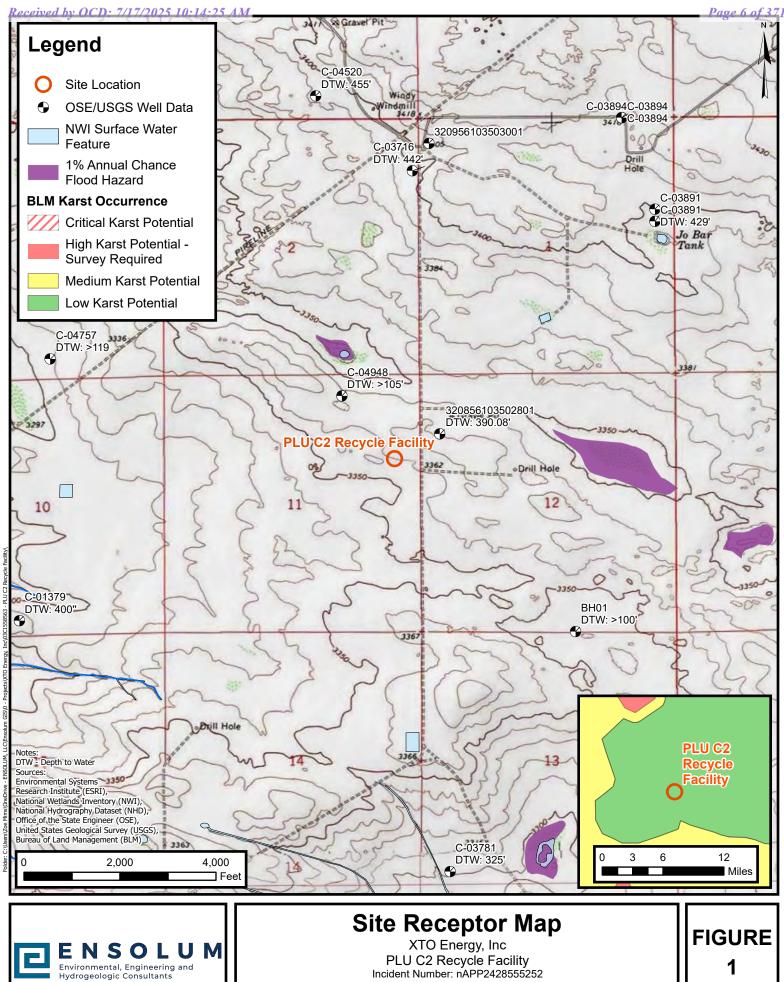
Appendix C Photographic Log

Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMOCD Correspondence Appendix F Land Access References

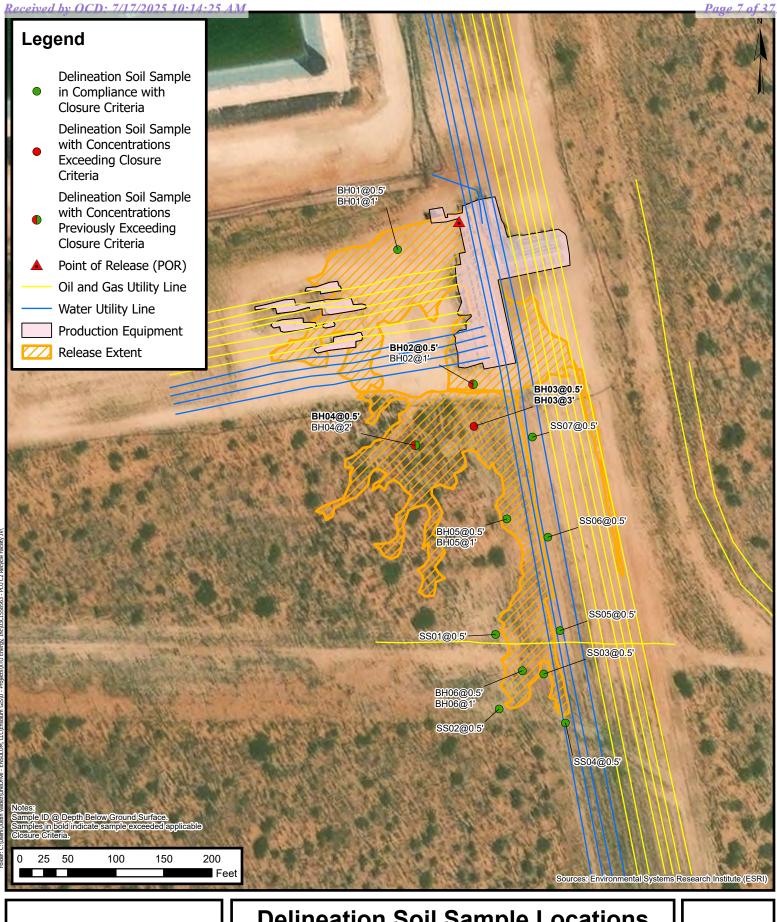


**FIGURES** 



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Unit H, Section 11, T 25S, R 30E Eddy County, New Mexico



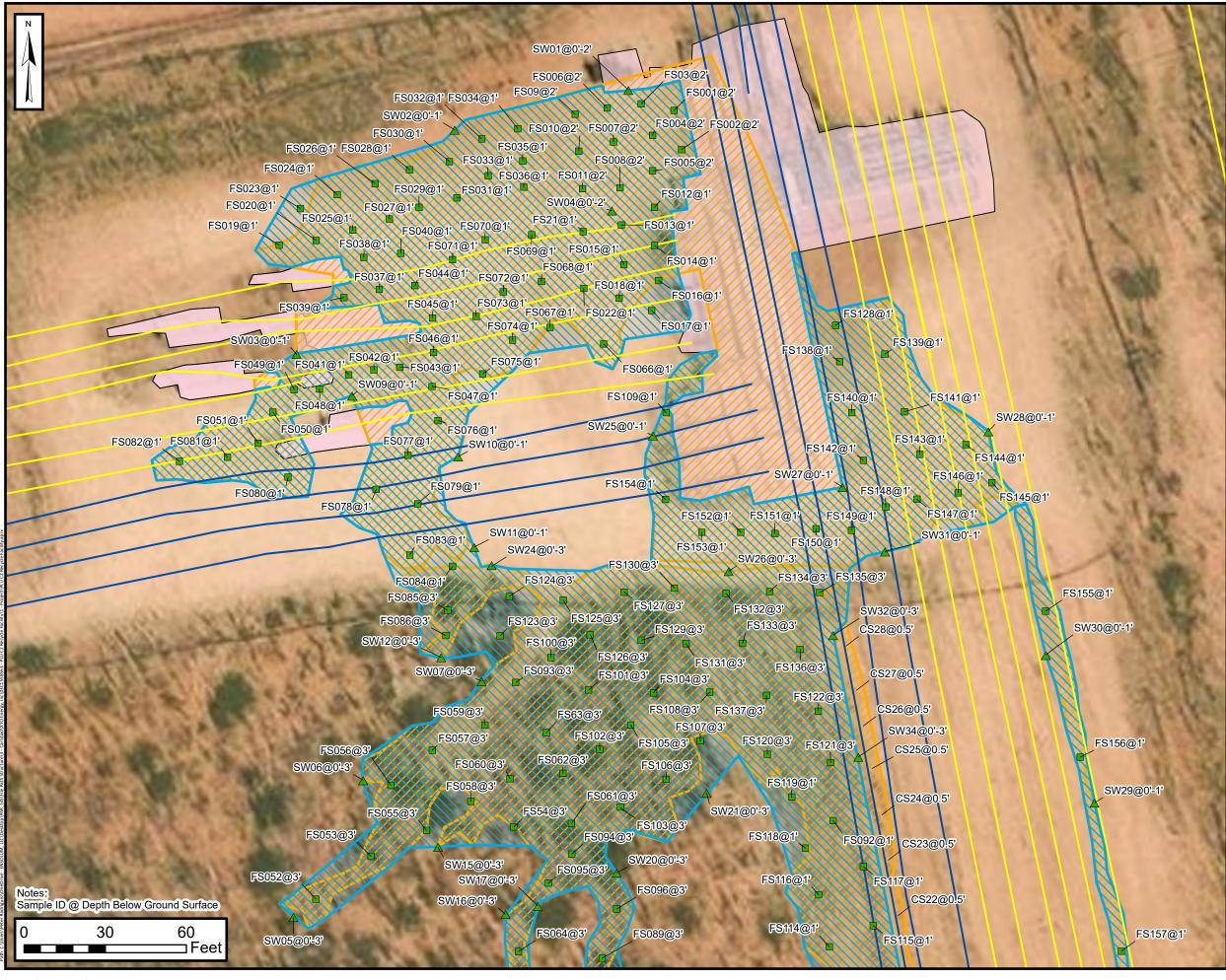


### **Delineation Soil Sample Locations**

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**FIGURE** 2

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#### I LEGEND

- Confirmation Soil Sample Compliant with Closure Criteria
- Confirmation Floor Sample Compliant with Closure Criteria
  - Sidewall Sample Compliant with Closure Criteria

Oil and Gas Utility Line

Water Utility Line

Production Equipment

Excavation Extent

Release Extent

Sources: Environmental Systems Research Institute (ESRI)



## **Confirmation Soil Sample Locations**

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Eddy County, New Mexico Unit H, Section 11, T 25S, R 30E

### Figure 3A

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#### **LEGEND**

- Confirmation Soil Sample Compliant with Closure Criteria
- Confirmation Floor Sample Compliant with Closure Criteria
  - Sidewall Sample Compliant with Closure Criteria

Oil and Gas Utility Line

Water Utility Line

**Excavation Extent** 

Release Extent

Environmental, Engineering and

Hydrogeologic Consultants

### **Confirmation Soil Sample Locations**

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**Figure 3B** 

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**TABLES** 



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Deli	neation Soil Sa	mples				
-BH01	11/22/2024	0.5	<del>&lt;0.050</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;16.0</del>
BH01	11/22/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH02	11/22/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
BH02	11/22/2024	4	<del>&lt;0.050</del>	< <del>0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	96.0
BH03	11/22/2024	0.5	<0.050	<0.300	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	2,680
BH03	11/22/2024	3	<0.050	< <del>0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<10.0	<10.0	1,180
BH04	11/22/2024	0.5	<0.050	<0.300	<del>&lt;10.0</del>	<del>&lt;10.0</del>	< <del>10.0</del>	<10.0	<10.0	2,800
BH04	11/22/2024	2	<0.050	<0.300	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<10.0	<10.0	<10.0	400
BH05	11/22/2024	0.5	< <del>0.050</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	< <del>10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	112
BH05	11/22/2024	4	<0.050	<0.300	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<10.0	<10.0	<10.0	112
BH06	11/22/2024	0.5	< <del>0.050</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	< <del>10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	64.0
BH06	11/22/2024	4	<del>&lt;0.050</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	384
SS01	04/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	04/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS03	04/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS04	04/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS05	04/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS06	04/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS07	04/17/2025	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
				Confi	irmation Soil Sa	amples				
CS01	03/27/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS02	03/27/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS03	03/27/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS04	03/27/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS05	03/28/2025	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS06	03/28/2025	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS07	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS08	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS09	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS10	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS11	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS12	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS13	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0



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 CI	osure Criteria (f	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
CS14	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS15	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS16	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS17	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS18	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS19	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS20	03/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS21	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS22	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS23	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS24	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS25	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS26	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS27	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS28	04/02/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS29	04/10/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS30	04/10/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS31	04/10/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS32	04/10/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS33	04/10/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS34	04/10/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS001	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS002	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS003	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS004	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS005	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS006	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS007	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS008	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS009	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS010	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS011	03/27/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS012	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS013	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0



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 CI	osure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS014	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS015	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS016	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS017	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS018	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS019	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS020	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS021	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS022	03/27/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS023	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS024	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS025	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS026	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS027	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS028	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS029	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS030	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS031	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS032	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS033	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS034	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS035	03/31/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS036	04/01/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS037	04/01/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS038	04/01/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS039	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS040	04/012025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS041	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS042	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS043	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS044	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS045	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS046	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS047	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	osure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS048	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS049	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS050	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS051	04/02/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
FS052	04/04/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS053	04/04/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS054	04/04/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS055	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS056	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS057	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS058	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS059	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS060	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS061	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS062	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS063	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS064	04/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS065	04/07/2025	3	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
FS066	04/08/2025	1	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS067	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS068	04/08/2025	1	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS069	04/08/2025	1	<0.050	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS070	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS071	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS072	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS073	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS074	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS075	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS076	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS077	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS078	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS079	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS080	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS081	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C			10	50	NE	NE	NE	1,000	2,500	20,000
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FS082	04/08/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS083	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS084	04/10/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS085	04/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS086	04/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS087	04/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS088	04/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS089	04/10/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS090	04/10/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS091	04/10/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS092	04/14/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
FS093	04/16/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS094	04/16/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS095	04/16/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS096	04/16/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS097	04/17/2025	1	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS098	04/17/2025	1	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS099	04/17/2025	1	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS100	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS101	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS102	04/21/2025	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS103	04/21/2025	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS104	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS105	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS106	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS107	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS108	04/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS109	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS110	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS111	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS112	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS113	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS114	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS115	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304



Sample I.D.	Sample	Sample Depth	Benzene	Total BTEX	TPH GRO	TPH DRO	TPH ORO	GRO+DRO	Total TPH	Chloride
Campio IID:	Date	(feet bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Table I Cl	losure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS116	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS117	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS118	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
FS119	04/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
FS120	04/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS121	04/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS122	04/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS123	04/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS124	04/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS125	04/22/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS126	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
FS127	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS128	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS129	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS130	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS131	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS132	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS133	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS134	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS135	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS136	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS137	04/23/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS138	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS139	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS140	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS141	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS142	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS143	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS144	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS145	04/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS146	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS147	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS148	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS149	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS150	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS151	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS152	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS153	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS154	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS155	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS156	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS157	04/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW01	04/04/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW02	04/04/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW03	04/04/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW04	04/04/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW05	04/04/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW06	04/04/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW07	04/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW08	04/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW09	04/08/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW10	04/08/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW11	04/10/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW12	04/10/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW13	04/10/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW14	04/10/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW15	04/16/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW16	04/16/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW17	04/16/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW18	04/16/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW19	04/16/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW20	04/16/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SW21	04/21/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW22	04/22/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW23	04/22/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW24	04/23/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW25	04/22/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW26	04/24/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144



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 CI	osure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
SW27	04/24/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SW28	04/24/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW29	04/24/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW30	04/24/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW31	04/24/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW32	04/24/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW33	04/24/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW34	04/23/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

#### Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation

requirement where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



**APPENDIX A** 

Referenced Well Records



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 tax: 575.624.2421 www.atkinseng.com

4/28/2025

District II New Mexico Office of State Engineer 1900 W 2<sup>nd</sup> Street Roswell, NM 88201

Hand Delivered on the date of this letter to the DII Office of the State Engineer

Re: Well Records & Log for soil borings; C-4948 POD 1

To whom it may concern:

Enclosed please find in duplicate, Well Records and Plugging Record for C-4948 POD 1

If you, have any questions, please contact me at 575.499.9244 or <u>lucas@atkinseng.com</u>.

Sincerely,

Lucas Middleton

Enclosures: As noted above.

Groon Middle

DSE DII ROSWELL NW 29 APR '25 AH9:02



### WELL RECORD & LOG

#### OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD NO.	WELL NO	))		WELL TAG ID NO			OSE FILE	2 310/0					
Z	POD-1	WEDE NO	··)		n/a			C-4948	: NO(S).					
CATIC	WELL OWNER		)					PHONE (	OPTION	IAL)				
GENERAL AND WELL LOCATION	WELL OWNER		G ADDRESS					CITY Carlsba	d			STATE NM	88220	ZIP
9	WELL	T		DEGREES	MINUTES	SECOND	S			_				
RAL A	LOCATION (FROM GPS		TITUDE	32	9	3.97	N			EQUIRED: IRED: WG	ONE TENT	TH OF A S	ECOND	
SNE		LO	NGITUDE	103	50	53.41								
1. G			NG WELL LOCATION T25S R30E, NM		DRESS AND COMMON	N LANDMAR	KS - PLS	SS (SECTIO	v, Towi	NSHJIP, RA	ANGE) WH	ERE AVA	ILABLE	
	LICENSE NO.		NAME OF LICENS	ED DRILLER					1	NAME OF	WELL DRI	LLING CO	OMPANY	
	1249				Jackie D. Atkins					A	tkins Eng	ineering	Associates, l	Inc.
	03/26/2		03/26/2025		OMPLETED WELL (For orary well material)			LE DEPTH ( ±105	FT)	DEPTH W	ATER FIRS	T ENCOU	INTERED (FT	)
z	COMPLETED	WELL IS:	ARTESIAN *a Centralizer info	dd 🚺 DRY HO	DLE	W (UNCONF	INED)		COMPLI	ATER LEV ETED WEI		Ά Ι	OATE STATIC	
OTT.	DRILLING FLU	IID:	AIR	MUD	ADDITIV	ES – SPECIF	Y:							
RM.	DRILLING ME	гнод: 🗀	ROTARY HA	MMER   CA	BLE TOOL 📝 OTH	ER – SPECIF	Y: <b>I</b>	łollow St	em Au	ger	CHECK INSTAL	HERE IF I	PITLESS ADA	PTER IS
NFO	DEPTH (f	eet bgl)	BORE HOLE	CASING	G MATERIAL AND	D/OR	C	ASING		CASI	NG	CASD	NG WALL	SLOT
DRILLING & CASING INFORMATION	FROM	ТО	DIAM (inches)	(include	GRADE each casing string, and sections of screen)		CONNECTION TYPE (add coupling diameter)					THE	THICKNESS (inches) (	
& CA	0	105	6.25	Acti	Soil Boring		aud coup	ing diamete	1)					
ING														
SILL			_						+					
2. DI			+	-					-				_	
						-			+					
	DEPTH (fe	eet bgl)	BORE HOLE	LIST ANN	ULAR SEAL MATER			. PACK SIZ	ZE-	AM	OUNT	T	метно	D OF
IAL	FROM TO DIAM. (inches)  *(if using Centralizers for Artesian wells- indicated)  *(if using Centralizers for Artesian wells- indicated)							spacing be	low)	(cub	ic feet)		PLACEN	
ANNULAR MATERIAL														
MA														
LAF									+			-		
NN									+			+		
3. A									1		n au PR2		2468 × (5)	
DOF	OGE BY-													
FOR	OSE INTERN.	AL USE			POD NO				R-20 V RN NO.		CORD &	LOG (V	ersion 09/22	2/2022)
LOC	ATION						- 5	WELL TA					PAGE	1 OF 2
								LLI IA	- 10 I					

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (	feet bgl)		COLOR AND TYPE OF MATERIAL	ENCOLNITEDED		ESTIMATED
	FROM	то	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL INCLUDE WATER-BEARING CAVITIES (attach supplemental sheets to fully	OR FRACTURE ZONES	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	10	10	CALICHE, dry, tan/beige, some silt, some pebble	s, low-medium consolidation.	Y /N	
	10	25	15	SILTY SAND, light brown, very fine grained, s	ome silt with some pebbles.	Y /N	
	25	95	70	SAND, light brown, fine - medium grained,	D N 30 30 some pebbles.	Y VN	
	95	105	10	SAND, dry, reddish brown, loose, medium- D N 9	95 coarse, 1 -3mm trace, dark	s Y ✓N	
						Y N	
بر						Y N	
WEI						Y N	
4. HYDROGEOLOGIC LOG OF WELL						Y N	
99						Y N	
125						Y N	
100						Y N	
GEO						Y N	
RO						Y N	
HXI						Y N	
4						Y N	
						Y N	
						Y N	
						Y N	
					iit i	II KISHENI	17.00 17.00
					2.3	Y	Q.E.
						Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	тот	AL ESTIMATED	
	PUMP	A	IR LIFT	BAILER OTHER – SPECIFY:	WE	LL YIELD (gpm):	
ISION	WELL TEST	TEST STAR	RESULTS - ATT T TIME, END TI	ACH A COPY OF DATA COLLECTED DURING ME, AND A TABLE SHOWING DISCHARGE AI	WELL TESTING, INCLUD ND DRAWDOWN OVER TH	ING DISCHARGE N IE TESTING PERIC	METHOD, DD.
TEST; RIG SUPERVIS	MISCELLAN	NEOUS INF	FORMATION: Pu hy	lled Temporary well material, back filled with drated from 10 feet to surface, see attached Pl	n drill cuttings to 10 below lugging Record. No pump	ground source the test.	en bentonite
5. TES	PRINT NAM		RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERV	ISION OF WELL CONSTRU	ICTION OTHER TH	IAN LICENSEE:
SIGNATURE	CORRECT R	ECORD OF	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KN ESCRIBED HOLE AND THAT HE OR SHE WII 0 DAYS AFTER COMPLETION OF WELL DRIL	LL FILE THIS WELL RECO	THE FOREGOING I RD WITH THE STA	S A TRUE AND ATE ENGINEER
6. SIGN	Jack Atkins		025 15:09 MDT	Jackie D. Atkins  R / PRINT SIGNEE NAME	_	04/28/2025 DATE	
		51511111	CLES OF PRODUC	, LAMIA DIGITAL INLINIE		DALE	
	OSE INTERN	IAL USE		POD VO		CORD & LOG (Ver	sion 09/22/2022)
-	E NO. CATION			POD NO.	TRN NO.		DACE 2 OF 2
LUC	22 1 1 (OIN				WELL TAG ID NO		PAGE 2 OF 2



### PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GI	ENERAL / WELL OWNERSHIP:			
	Engineer Well Number: C-4948 POD-1			
Well	owner: XTO Energy, Inc		Phone N	0.:
Maili	ng address: 3104 E. Greene St.			
City:	Carlsbad	State:	: NM	Zip code: 88220
II. W	ELL PLUGGING INFORMATION:			
1)	Name of well drilling company that plug	ged well:	Jackie D. Atkins (Atkins Engi	neering Associates Inc.)
2)	New Mexico Well Driller License No.:	WD-1249		Expiration Date: 04/30/2025
3)	Well plugging activities were supervised Cameron Pruitt	by the foll	owing well driller(s)/rig supe	ervisor(s):
4)	Date well plugging began: 03/31/202	5	Date well plugging con-	cluded: 03/31/2025
5)	GPS Well Location: Latitude: Longitude:	32 103	deg,9 min, deg,50 min,	3.97 sec 53.41 sec, WGS 84
6)	Depth of well confirmed at initiation of p by the following manner: Water depth p	olugging as: robe	ft below ground	d level (bgl),
7)	Static water level measured at initiation of	of plugging	:N/Aft bgl	
8)	Date well plugging plan of operations wa	as approved	by the State Engineer: 03/2	20/2025
9)	Were all plugging activities consistent w differences between the approved pluggi			
				OSE DII ROSWELL NW 29 APR '25 AM9:02

Version: September 8, 2009

Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

#### For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement  Method (tremie pipe, other)	Comments  ("casing perforated first", "open annular space also plugged", etc.)
_	0-10 Hydrated Bentonite	15 gallons	15 gallons	tremie	
-	10-105				
_	Drill cutting	approx. 151 gallons	151 gallons	boring	
_					
-					
_					
_					
3					
_					
_					
-					
-					
3				nor bri	
_				UDE UII 29 AF	ROSWELL NW R'25 AM9:02
_					
-					
	I	MULTIPLY E	I BY AND OBTAIN		l.
		cubic feet x 7.4 cubic yards x 201.5	805 = gallons 97 = gallons		

#### III. SIGNATURE:

I, Jackie D. Atkins , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jas Atkins (Apr 28, 2025 15:09 MDT)	04/28/2025		
Signature of Well Driller	Date		

Version: September 8, 2009 Page 2 of 2

### WR-20 Well Record -C-4948-packet-forsign

Final Audit Report 2025-04-28

Created: 2025-04-28

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAAjkLjJRBZiTU52a-kvwQgWkRS9LtZf3xt

### "WR-20 Well Record -C-4948-packet-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com) 2025-04-28 - 8:08:51 PM GMT

Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2025-04-28 - 8:10:11 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com) 2025-04-28 - 9:05:36 PM GMT

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2025-04-28 - 9:09:42 PM GMT - Time Source: server

Agreement completed. 2025-04-28 - 9:09:42 PM GMT

> OSE DII ROSWELL NW 29 APR '25 AMS: 02







**National Water Information System: Web Interface** 

**USGS** Water Resources

Data Category:

Groundwater

Geographic Area:

United States

✓ GO

#### Click to hideNews Bulletins

• Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

■ Important: <u>Next Generation Monitoring Location Page</u>

#### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 320856103502801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 320856103502801 25S.30E.12.113211

Eddy County, New Mexico

Latitude 32°08'56", Longitude 103°50'28" NAD27

Land-surface elevation 3,371 feet above NAVD88

The depth of the well is 482 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### **Output formats**

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1959-03-25		D	62610		2978.00	NGVD29	1	Z			Α
1959-03-25		D	62611		2979.70	NAVD88	1	Z			А
1959-03-25		D	72019	391.30			1	Z			Α
1983-01-31		D	62610		2979.00	NGVD29	1	Z			А
1983-01-31		D	62611		2980.70	NAVD88	1	Z			Α
1983-01-31		D	72019	390.30			1	Z			А
1987-10-20		D	62610		2978.89	NGVD29	1	Z			Α
1987-10-20		D	62611		2980.59	NAVD88	1	Z			А
1987-10-20		D	72019	390.41			1	Z			Α
1992-11-06		D	62610		2978.89	NGVD29	1	S			Α
1992-11-06		D	62611		2980.59	NAVD88	1	S			Α
1992-11-06		D	72019	390.41			1	S			Α
1998-01-28		D	62610		2979.22	NGVD29	1	S			Α
1998-01-28		D	62611		2980.92	NAVD88	1	S			А
1998-01-28		D	72019	390.08			1	S			Α

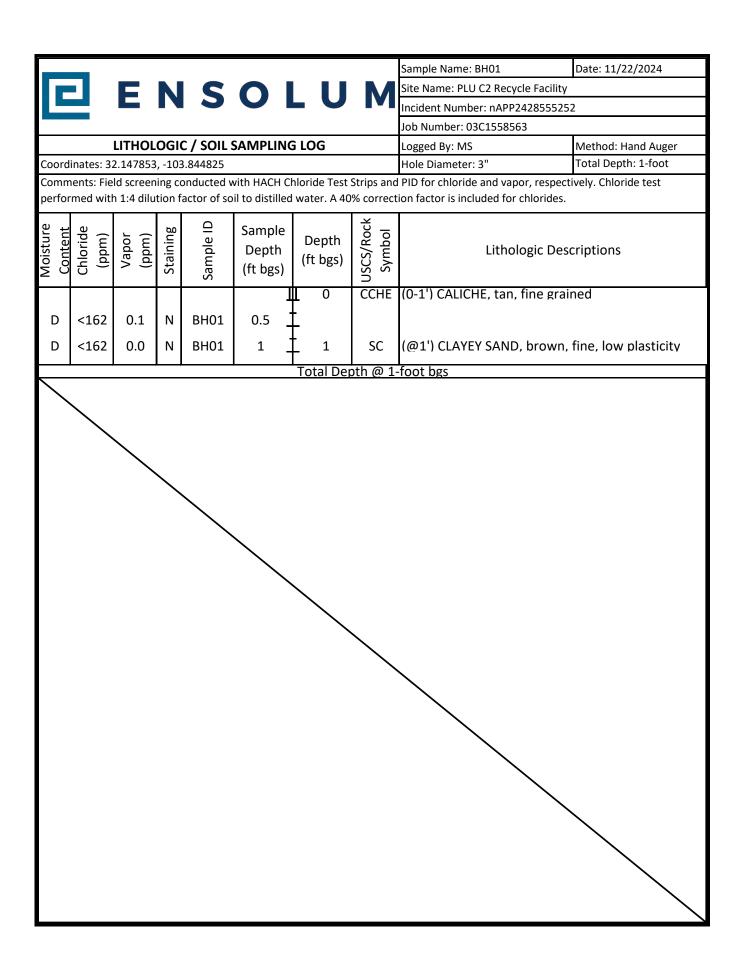
#### Explanation

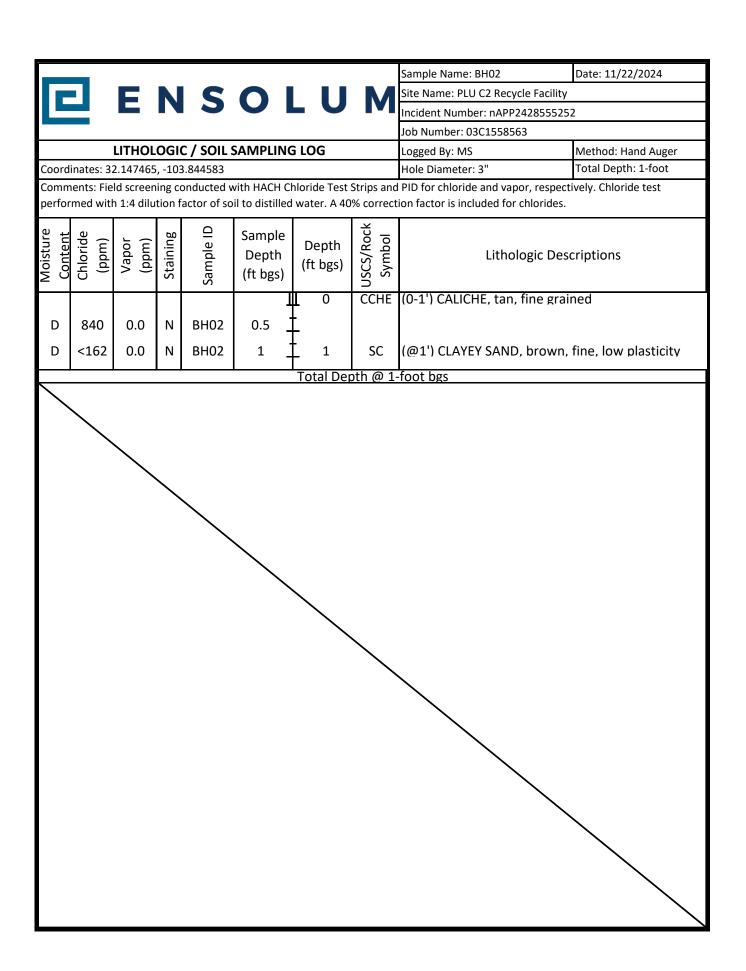
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

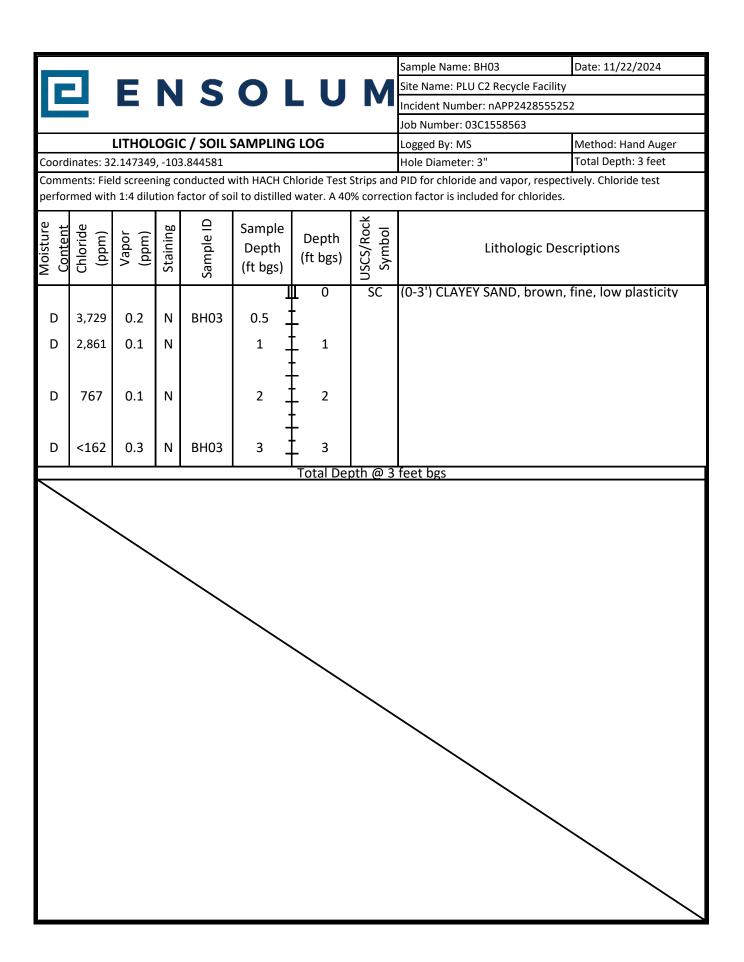


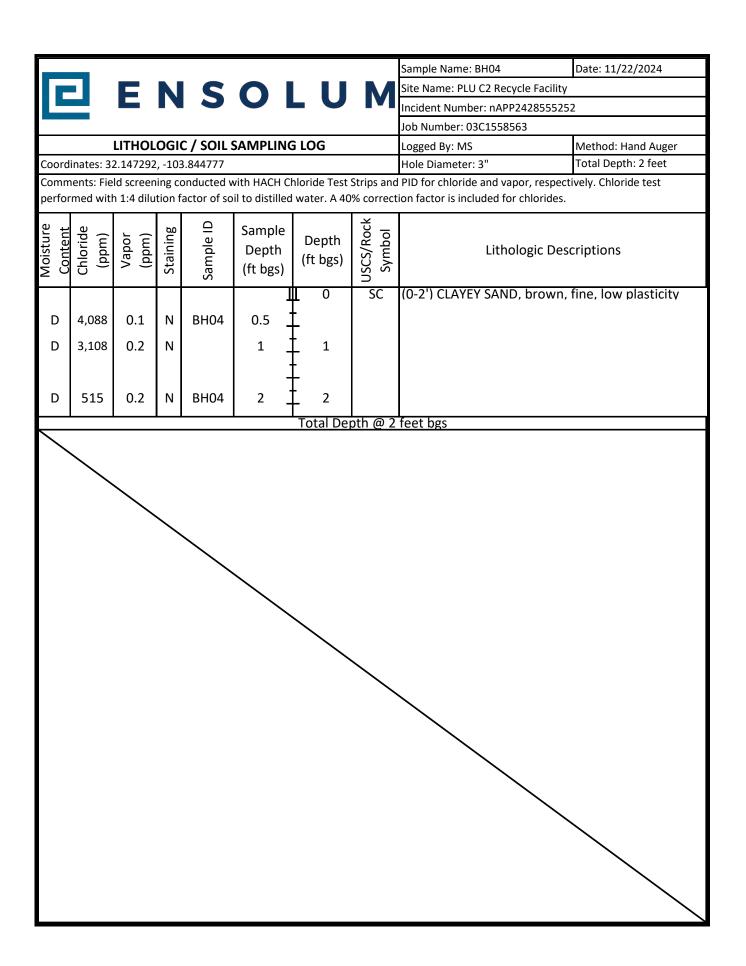
**APPENDIX B** 

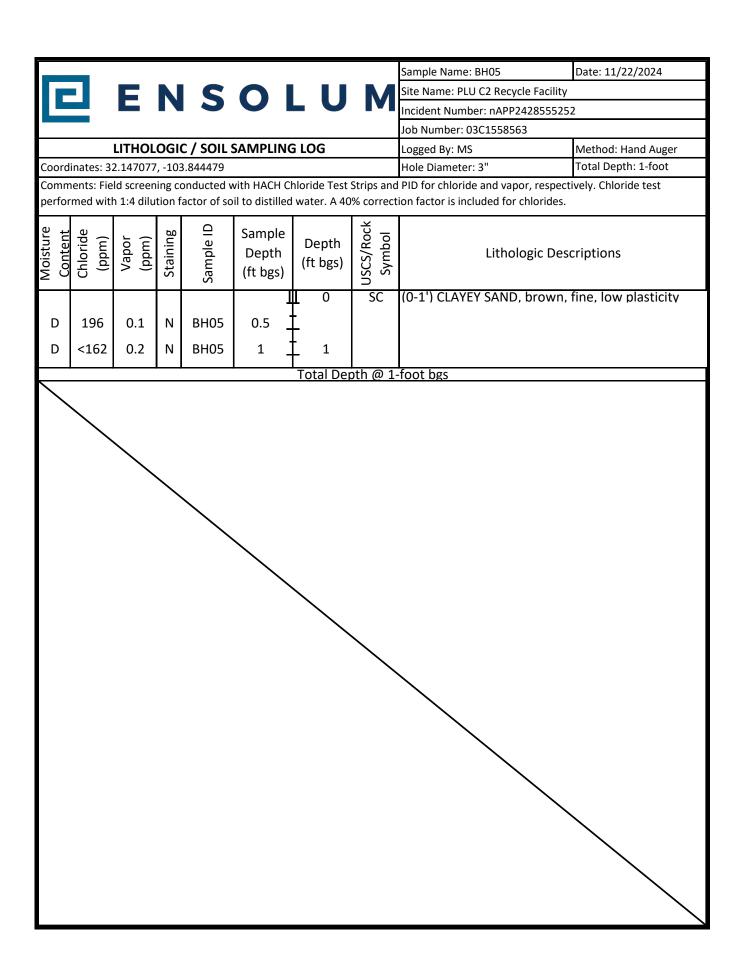
Lithologic Soil Sampling Logs

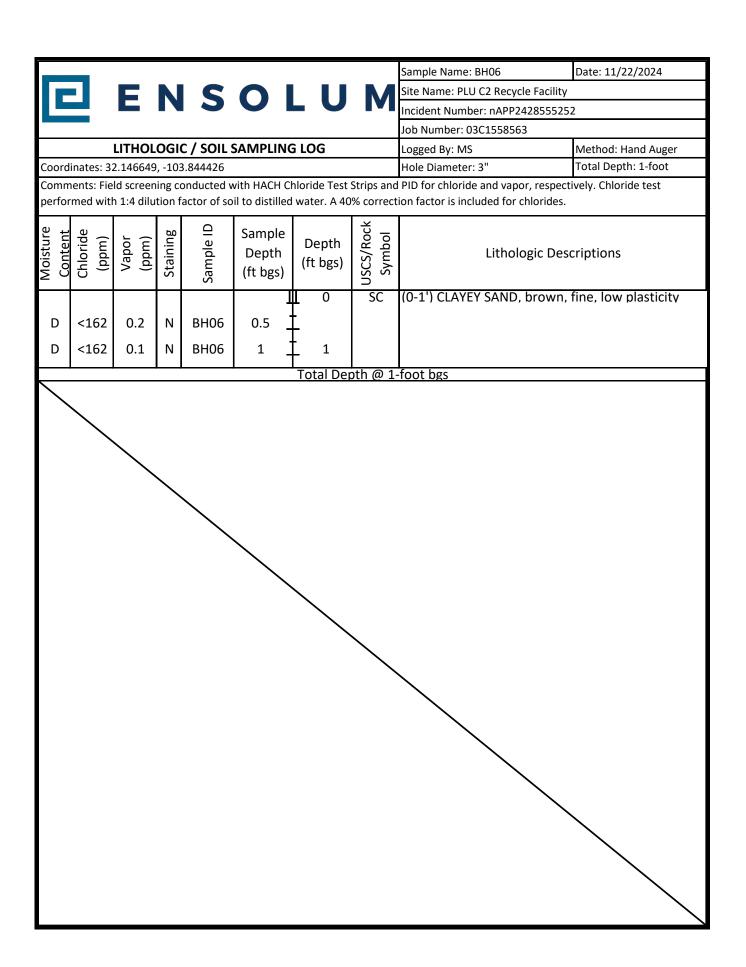














**APPENDIX C** 

Photographic Log



#### **Photographic Log**

XTO Energy, Inc. PLU C2 Recycle Facility nAPP2428555252





Photograph: 1 Date: 10/11/2024

Description: Staining in release extent

View: Southwest

Photograph: 2 Date: 10/11/2024

Description: Staining in release extent

View: South





Photograph: 3 Date: 11/22/2024

Description: Delineation activities near BH02

View: East

Photograph: 4 Date: 11/22/2024

Description: Delineation activities near BH03

View: Southeast



#### **Photographic Log**

XTO Energy, Inc. PLU C2 Recycle Facility nAPP2428555252





Photograph: 5 Date: 03/20/2025

Description: Spotting of lines in ROW

View: South

Photograph: 6 Date: 03/25/2025

Description: Excavation around ROW risers

View: Southwest





Photograph: 7 Date: 03/25/2025

Description: Hand tool excavation close to equipment

View: North

Photograph: 8 Date: 03/27/2025

Description: Excavation near FS021

View: Southwest

### **ENSOLUM**

### **Photographic Log**

XTO Energy, Inc. PLU C2 Recycle Facility nAPP2428555252





Photograph: 9 Date: 03/27/2025

Description: Excavation around pipelines

View: Southeast

Photograph: 10 Date: 04/22/2025

Description: Excavation in pasture near FS135

View: Southeast





Photograph: 11 Date: 04/24/2025

Description: Excavation in pasture near FS157

View: East

Photograph: 12 Date: 04/24/2025

Description: Excavation in pasture near FS155

View: Southeast



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



April 01, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 03/31/25 12:15.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

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



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

PLU C2 RECYCLE FACILITY 03C1558563 (SPILLS)

Project Number: Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/25/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: FS 001 2 (H251873-01)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
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	04/01/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/25/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 002 2 (H251873-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/01/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	79.9	% 40.6-15	3						

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03/25/2025

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 003 2 (H251873-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/25/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 004 2 (H251873-04)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/01/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 005 2 (H251873-05)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/01/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	84.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 006 2 (H251873-06)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 007 2 (H251873-07)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	< 0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	93.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/27/2025

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 008 2 (H251873-08)

BTEX 8021B

DILX GOZID	ilig/	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 009 2 (H251873-09)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	84.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)
Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 010 2 (H251873-10)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/27/2025

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 (SPILLS) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 011 2 (H251873-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	217	108	200	0.774	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	208	104	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	94.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.0	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FACI
Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 012 1 (H251873-12)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	84.2	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/27/2025

Reported: 04/01/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 013 1 (H251873-13)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.3	% 40.6-15	3						

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Celey D. Keene



03/28/2025

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 014 1 (H251873-14)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	78.1	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FACT Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

ma/ka

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 015 1 (H251873-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.6	% 40.6-15	3						

Analyzed By: 14

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Celey D. Keine



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)
Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/28/2025 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 016 1 (H251873-16)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

PLU C2 RECYCLE FACILITY

03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: FS 017 1 (H251873-17)

Project Name:

Project Number:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/28/2025

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 018 1 (H251873-18)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	83.6	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	76.8	% 40.6-15	3						

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03/28/2025

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 019 1 (H251873-19)

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	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	92.0 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.2 9	% 40.6-15	3						

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03/28/2025

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 020 1 (H251873-20)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	1.95	97.6	2.00	3.11	
Toluene*	<0.050	0.050	03/31/2025	ND	1.95	97.3	2.00	2.16	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	1.92	96.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	6.05	101	6.00	2.40	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/28/2025

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 (SPILLS) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 021 1 (H251873-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	03/31/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/28/2025

Reported: 04/01/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 03C1558563 (SPILLS) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 022 1 (H251873-22)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	03/31/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

Project Name: PLU C2 RECYCLE FACILITY Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 001 0.5 (H251873-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	03/31/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.1	% 40.6-15	3						

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03/27/2025

Soil

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:
Reported: 04/01/2025 Sampling Type:

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 002 0.5 (H251873-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	03/31/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	< 0.050	0.050	03/31/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	81.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILLS)
Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

### Sample ID: CS 003 0.5 (H251873-25)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	03/31/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/01/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/01/2025

04/01/2025 PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FAC Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 004 0.5 (H251873-26)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	03/31/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	03/31/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	03/31/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	03/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	213	106	200	1.76	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	204	102	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	91.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	82.1	% 40.6-15	3						

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

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	Company Name: Ensolum, LLC			1	1	1	-	П	1	4	ш			ш	4		1		l								-	(		-	-							
Project Manager:	er: Tracy Hillard	ard									0	2			15	DITT 10	1		1	1		1	ANALYSIS	15	lχ	18		m	12	m	REQUEST	'						
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City: Carlsbad		State: NM	Zip	Zip: 88220	220						# 1	3	3 3	+	3 3	Attn: Colton Brown	y.	IIC						_													_	
Phone #: 515	5 LSb	Fax #:								7	d	dre	SSS		310	Address: 3104 E Green St	n c	4						_													_	
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Project Name: PLU CZ	PLU CZ Recycle	facility -	50:115	2				. 1		(n)	ta .	State: NM	Z	<b>S</b>	1	7in: 882	3											_									_	
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FOR LAB USE ONLY		,	IP.				MATRIX	굏		- I	-	另	ES	PRESERV	~	SAMPLING	힏	ING										_										
Lab I.D.	Sample I.D.	Depth (feet)	(-)	" SOUTH TENTO	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:		ACID/BASE:	ICE / COOL	OTHER:	OTHER:	DATE		TIME	Chlorides	TPH	BTEX																	
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service. In no event shall Carc affiliates or successors arising Relinquished Rv-	service. In no event shall Cardhral be liable for incidental or consequental damages, including without limitation, business made in writing and received by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subdisaries, Rellinguished Rv.	r cause whatsoever shall be de equental damages, including we e of services hereunder by Cau	semed wo without lin rdinal, re	aived unitation	nless busin	made ress in hethe	de in writing and received by Cardinal within 30 is interruptions, loss of use, or loss of profits inco- ther such claim is based upon any of the above.	ting a ption	and r s, los m is	ocei s of base	use wed	by C	andi	of th	within within the at	in a smount paid in 30 days after sincurred by click covers stated read covers to the covers of the	comp	e client for the appletion of the applet	plicable									- 1		ŀ		ŀ		- 1	- 1	L		-
Relinquished By:		Time: 12/5	Received By:	d ve	100	91 .	6	The	1	0	The	Mo	CALL	POR	1. 1	pl	A Ver	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: TH:\\av\rangle @ensolum.com, TMorrissey@ensolum.	e em	☐ Yes ailed. F ensolun	☐ Yes ☐ No Add'i Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com	□ No   ase provid om, TMon	Add'l Phone #: ide Email addre: rrissey@ensolu	thor er	ne #	es:	1.00	Ĭ,	<u> </u>	hor	mas	son	Ö	sns	음	m.c	OM .	
		Time:	Received By:	lvec	J By	.7									X.		P RE	REMARKS: Incident: NAPP 2428555252	P24	18856	252	A I	3		3													
Sampler - UPS - Bus - Other:		Corrected Tamp. *C 3	76		Samp	0	Condi	Z 로 로	i di	/ 3	)	0	三 田	(Initials)	i E	. Y	Turi Nash	Turnaround Time: Standard Bacteria	me:	200	Hands	a ?		Bacteria (on Cool Intact	teri -	a (	# <u>5</u>	S	Ob	ple	Bacteria (only) Sample Condition	nd	itio	ample Condition	,			
FORM-006 R 3.2 10/07/21	.2 10/07/21	† Cardinal cannot accept verbal change	not	acce	E	No No	- E	No No	9			5	1	1			9	etton Factor	1	9.30		1	L		6 8		Nc No		00	rrec	ctec	1	em	Corrected Temp. °C	9			
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### CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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### 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: Relinquished Sampler - UPS - Bus - Other: analyses. All claims including those for negligence and any other cause what service. In no event shall Cardinal be liable for incidental or consequently day. PLEASE NOTE: Liability and Da Delivered By: (Circle One) Project Name: PLU C2 Sampler Name: Project #: 03C Phone #: 515 Project Location: City: Carlsbad Project Manager: Company Name: Ensolum, LLC Address: 3122 National Parks Hwy Lab I.D. FORM-006 R 3.2 10/07/21 3 N 12031 Sample I.D. 32.1478226 957 3906 10057 22053 1228 262 (575) 393-2326 FAX (575) 393-2476 10002 racy 6,000,7 Joshua 5005 Recycle Boxley H, llard Observed Temp Time: Date: 51-20 Time: tacility Project Owner: XTO Fax #: Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com State: NM 3 Depth (feet) 103.8447066 0 S 2 ver shall be der ć ô - Sp:115 CN V 34 Received By: Received By 0 0 (G)RAB OR (C)OMP Zip: 88220 # CONTAINERS whether based in contract or tort, shall be limited to the amount paid by unless made in writing and received by Cardinal within 30 days after con GROUNDWATER Cool Intact
Pes Yes
No No Sample Condition WASTEWATER SOIL MATRIX OIL ptions, loss of use, or loss of profits incurred by client, its subsidiarie SLUDGE OTHER Fax #: Phone #: State: NM City: Carlsbad Address: 3104 E Green St Attn: Colton Brown Company: XTO Energy Inc P.O. #: ACID/BASE: PRESERV CHECKED BY: ICE / COOL OTHER BILL TO 2 gr 3.47.5 32725 Zip: 88220 5.26.25 DATE nt paid by the client for the SAMPLING Turnaround Time: Cost Contac. 25 GFCM: 4865000-50:115 REMARKS: Incident: WAPP 2428555252 1315 Verbal Result: 040 1330 1370 1035 1375 pletion of the applicable TIME eter ID : # Chlorides □ Yes TPH Standard BTEX ON O ANALYSIS REQUEST Cool Intact ☐ Yes ☐ Yes ☐ No Bacteria (only) Sample Condition Corrected Temp. °C Observed Temp. c P



April 02, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 03/31/25 12:15.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 005 0.5 (H251876-01)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	04/01/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

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Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: CS 006 0.5 (H251876-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	04/01/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 9	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



03/28/2025

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:

Reported: 04/02/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact

Project Number: 03C1558563 (SPILL) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 007 0.5 (H251876-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.26	113	2.00	2.21	
Toluene*	<0.050	0.050	04/01/2025	ND	2.25	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.47	123	2.00	0.209	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.50	125	6.00	0.363	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	110	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	114	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: CS 008 0.5 (H251876-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	QM-07
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	QM-07, QR-03
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109 9	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 03/31/2025 Reported:

04/02/2025 PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: CS 009 0.5 (H251876-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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\*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 010 0.5 (H251876-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	40.6-15	3						

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03/28/2025

### Analytical Results For:

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

Received: 03/31/2025 Sampling Date:

Reported: 04/02/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 03C1558563 (SPILL) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 011 0.5 (H251876-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Reported:

04/02/2025 PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 012 0.5 (H251876-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025

ma/ka

Reported: 04/02/2025
Project Name: PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS 013 0.5 (H251876-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

Analyzed By: 14

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

Project Name: PLU C2 RECYCLE FACILITY Project Number:

Project Location: XTO 32.1478226, -103.8447066

03C1558563 (SPILL)

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 014 0.5 (H251876-10)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	120	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	119	% 40.6-15	3						

Analyzed By: 14

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FA Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 015 0.5 (H251876-11)

RTFY 8021R

B1EX 8021B	mg,	кд	Anaiyze	ea By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (F	PID 123	% 71.5-13	14						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	112 5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	112 9	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FA Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 016 0.5 (H251876-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	110	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FA Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 017 0.5 (H251876-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	99.0	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	94.0	% 40.6-15	3						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received: 03/31/2025 Reported: 04/02/2025

PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: CS 018 0.5 (H251876-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	207	104	200	2.19	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	218	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	111 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107 9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 03/31/2025 Sampling Date: 03/28/2025

Reported: 04/02/2025 Sampling Type: Soil Project Name: PLU C2 RECYCLE FACILITY

Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 03C1558563 (SPILL) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 019 0.5 (H251876-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	208	104	200	0.642	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	189	94.7	200	0.781	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.8	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 03/31/2025 Reported:

04/02/2025 PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 (SPILL)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 03/28/2025

Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 020 0.5 (H251876-16)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	2.16	108	2.00	5.67	
Toluene*	<0.050	0.050	04/01/2025	ND	2.21	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	2.46	123	2.00	9.68	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	7.46	124	6.00	8.78	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2025	ND	208	104	200	0.642	
DRO >C10-C28*	<10.0	10.0	03/31/2025	ND	189	94.7	200	0.781	
EXT DRO >C28-C36	<10.0	10.0	03/31/2025	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.3	% 40.6-15	3						

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Celey D. Keene



### **Notes and Definitions**

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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  $6^{\circ}\text{C}$ 

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

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Celey D. Keene

Sampler - UPS - Bus - Other:

37

Yes Yes

Cool Intact

Observed Temp. °C
Corrected Temp. °C

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

### CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FAX (575) 393-2476	AX (575) 393-24	176																															_	3	0	1.
Company Name:							- 1	- 1	- 1	$\neg$				b		BILL TO						ANALYSIS	D	3	S	Z	m	윈	m	REQUEST							
Project Manager:											P.O. #:	#	177							$\dashv$	-		$\dashv$	- 1	$\dashv$	- 1	$\neg$	- 1				$\neg$		$\dashv$		$\dashv$	
Address: 3122	Address: 3122 National Parks Hwy	Ŋ									00	류	an	×.	$\preceq$	Company: XTO Energy	Inc.			_																	_
city: Carlsbad	ad	State: NM	Zip: 88220	00	822	0					Att	D:	6	to	2	Attn: Colton Brown																		_			_
Phone #: 337	337 257-8307	Fax #:									Ad	dre	SS	ω	0	Address: 3104 E. Green St.	en St.			_														_			_
Project #: 03	03C1558563	Project Owner:	: XTO	0						_	city: Carlsbad		à	S	99	d				_	_	_			_												_
Project Name:	PLU C2 Recycle									-	State: NM	te:	7	Ē		zip: 88220				_																	
Project Location:	n:										Phone #:	one	*							_					_												
Sampler Name:	Connor Whitman									_	Fax #:	*								_					_												
FOR LAB USE ONLY					П	1	MATRIX	됬	×			PRESERV	ES	뜄	5	SAMPLING	ING								_												
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE		OTHER:	ACID/BASE:	ICE / COOL	OTHER:	OTTLEN.	DATE	TIME	BTEX	TPH	CHLORIDE	CHLORIDE																
	CSOOS	0.5	_	1			_						-	-	_	41	1130	$\dashv$									-										
2	20057		_							_						-	135										_										
Cu	65007				1												1140										-										
4	65008														-		1145	-									-										
S	65009									_							1150																				
6	CS 010			_						_			_		_		155	_									_										
7	CS011									_			_				1200										-										
00	65012								-	_			-		_		5/2	_		-												400					
9	C3013									-			-				1200	-									-										
10	CS014	(	-	4						$\vdash$			e			~	1225																				
*LEASE NOTE: Liability an malyses. All claims includin ervice. In no event shall Ca iffliates or successors arisin	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the V analyses. All claims including those for negligence and any other cruses whatsoever shall be deemed walked unless made in writing and neceived by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal's eliable for incidental or consequental damages, including whose the limitation, business interruptions, loss of use, or loss of paties included by the necessary and the service of the consequental damages, including without a resource or the consequent and the service of the consequent and the service of the consequent and the service of the consequence or characters.	lient's exclusive remesy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the cruse whatever shall be deemed waked unless made in witing and received by Cardia within 30 days after completion of the a sequential damages in cluding whether the contract and the sequential damages of the client is subclidated as a contract of the contrac	claim semed without	arising waives limitat	whe dunk ion, b	ther I	ade i	in c	ng a	nd or	tort,	hall d by	Can	mitos dinal	with with	the amount paid by in 30 days after co	ant paid by the client for the ys after completion of the ap ad by client, its subsidiaries,	pplicat	*		1		1														- 1
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B		Timez S			PM	1	11		100	1.	1	1	W.	11	10		THillard@ensolun	ard@	naile	d. Pl	Its are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com	rissey@	en	solu	Im.	SS:	2	tho	ma	SOL	@	SUS	olur	m.cc	Ħ		
Relinquished By:		Date:315	Received By:	8	6	By				+	8	2	4	8	V	P	REMARKS:		Cost Center:	iter			Incident ID: nAPP2428555252	en	ē	7	PE	24	28	55	252						
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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(0/0) 333-Z3Z0 F.	FAA (0/0) 383-24/0	70					0
Company Name:	Ensolum, LLC			BILL TO		AN	ANALYSIS REQUEST	UEST
Project Manager:				P.O. #:				
Address: 3122 N	Address: 3122 National Parks Hwy	Ŋ		company: XTO Energy Inc.	gy Inc.		_	
city: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown				
Phone #: 337 2	337 257-8307	Fax #:		Address: 3104 E. Gr	Green St.			
Project #: 030	03C1558563	Project Owner:	XTO	city: Carlsbad				
Project Name:	PLU C2 Recycle	e Facility - Spill		State: NM Zip: 88220	20			
Project Location:				Phone #:				
Sampler Name:	Connor Whitman			Fax #:				
FOR LAB USE ONLY				PRESERV. SAM	SAMPLING			
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX	TPH		
1/	CYS	0.5	-	-	1230			
21	CSOIS				1250			
14	61050				1300			
15	65012				1305			
11	(5020	4	4	E	1310 1	6		
*								
						2		
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Caro	PLEASE NOTE: Liability and Damages. Cardinal's liability and clien analyses. All claims including those for negligence and any other ca service. In no event shall Cardinal be liable for incidental or consequence.	lient's exclusive remedy for any crouse whatsoever shall be de equental damages, including v	claim arising whether based in contra remed waived unless made in writing a without limitation, business interruption	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 the client for the analyses. All claims including those for negligence and any other cause whatsoewer shall be deemed waited unless made 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 consequental damages, including without limitation, business interruptions, loss of use, or toss of profits incurred by client, its subsidiaries,	id by the client for the er completion of the applicable client, its subsidiaries,	/		
Relinquished By:	By:	31-28	Received By:	MANAGE BAR	Verbal Result: ☐ Yea	☐ Yes ☐ No Ac nailed. Please provide	☐ No	
Relinquished By:		Date:	Received By:	in allanger	THillard@ensolum.  REMARKS: Cost Center:	solum.com, TMorrisse Senter:	ey@ensolum.com, kthomason@e Incident ID: nAPP2428555252	THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com  KS: Cost Center: Incident ID: nAPP2428555252
		Time:			GFCM: 48605000			
Delivered By: (Circle One)		Temp. "C	Sample Condition Cool Intact	CHECKED BY:	Turnaround Time:	710		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - OFS - Bus - Offier		Corrected lemp. C	O./	(	Carrection Factor -0.	C 486	No No	Corrected Temp, °C



April 03, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/01/25 13:30.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/01/2025 Reported: 04/03/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 023 1' (H251918-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.4	% 40.6-15	3						

Applyand By 14

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Celey & Keene



### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 024 1' (H251918-02)

RTFY 8021R

BIEX 8021B	mg,	<sup>и</sup> кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.6	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 025 1' (H251918-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	89.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 - SPILLS Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 026 1' (H251918-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 - SPILLS Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 027 1' (H251918-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	94.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 028 1' (H251918-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 - SPILLS Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 029 1' (H251918-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	90.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 030 1' (H251918-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 031 1' (H251918-09)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
nzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
uene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
ylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
ral Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
al BTEX	<0.300	0.300	04/01/2025	ND					
rogate: 4-Bromofluorobenzene (PII	107	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
loride	32.0	16.0	04/02/2025	ND	480	120	400	0.00	
H 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
O C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
O >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
Γ DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
rogate: 1-Chlorooctane	89.7	% 44.4-14	5						
rogate: 1-Chlorooctadecane	83.8	% 40.6-15	3						
T DRO >C28-C36  rogate: 1-Chlorooctane	<10.0 89.7	10.0 % 44.4-14	04/01/2025		197	98.4	200		5.15

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 032 1' (H251918-10)

RTFY 8021R

BIEX 8021B	mg	<sup>и</sup> кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 033 1' (H251918-11)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 034 1' (H251918-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	< 0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 03/31/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 035 1' (H251918-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2025	ND	1.91	95.7	2.00	2.64	
Toluene*	<0.050	0.050	04/01/2025	ND	1.94	97.0	2.00	1.60	
Ethylbenzene*	<0.050	0.050	04/01/2025	ND	1.92	96.0	2.00	1.31	
Total Xylenes*	<0.150	0.150	04/01/2025	ND	5.95	99.2	6.00	0.542	
Total BTEX	<0.300	0.300	04/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2025	ND	208	104	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	197	98.4	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	75.0	% 40.6-15	3						

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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

Company Name: Ensolum, LLC		HILL TO	ANALYSIS REQUEST
		DIA 10	
Project Manager: Tracy Hi	Hillard	P.O. #:	
rks	wy	Company: XTO Energy Inc	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 515 937 3906	Fax #:	Address: 3104 E Green St	
Project #: 03C  558 567	Project Owner: XTO	City: Carlsbad	
ime: PLV CZ	cle	State: NM Zip: 88220	
	-103.84	Phone #:	
Joshwa	Boxley	Fax #:	
П	MATRIX	PRESERV. SAMPLING	G
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER:	Chlorides TPH BTEX
4284	1 ×	X 351.25	NO5 XXX
2 5024	7	1 1008	8
3 F5025		2101	12
4 65026		5101	7.
5 6827		10	10.25
6 85028		10	102%
7 FS029		10	1031
883		ol l	p35
	_	1 1 10	1050
10 55032	CIII	331.25 10	85
PLEASE NOTE: Liability and Damages. Cardinal's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or con	client's exclusive remedy for any er cause whatsoever shall be de sequental damages, including w	tract or tort, shall be limited to the amount paid by th g and received by Cardinal within 30 days after com ons, loss of use, or loss of profits incurred by client, i	unt paid by the client for the ye after completion of the applicable ed by client, its subsidiaries.
Relinquished By:	Time: 730 All Moha M	The state of the s	Verbal Result: ☐ Yes ☐ No │Add'! Phone #: All Results are emailed. Please provide Email address: T ├  ;\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Relinguished By:	Date: Received By:	Inc	4CW: 4862000-
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Temp. *C Q./ Cool Infact Corrected Temp. *C Q./ AYes A Yes	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition    G   No   Rush   Cool Intact Observed Temp. °C    Thermometer ID : #/   Pes   Yes   Yes   No   Corrected Temp. °C
FORM-006 R 3.2 10/07/21	† Cardinal cannot accept verbal c	changes. Please email change	ene@cardinallabsnm.com

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Encolum IIIC	(575) 393-2326 FAX (575) 393-2476	101 East Marland, Hobbs, NM 88240	Laboratories	CARDINAL
TING				

(575) 393-2326	FAX (575) 393-2476		
Company Name: Ensolum, LLC		BILL TO	ANALYSIS REQUEST
Project Manager: Tracy Hillard	ind	P.O. #:	
Address: 3122 National Parks Hwy		Company: XTO Energy Inc	ne
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 515 957 3906	Fax #:	Address: 3104 E Green St	×
Project #: 03C 1558 565	Project Owner: XTO	City: Carlsbad	
C	le facility - Spills	State: NM Zip: 88220	
Project Location: 32.1478226		Phone #:	
Sampler Name: Joshua Boxley		Fax #:	
FOR LAB USE ONLY	T	MATRIX PRESERV. SAMPLING	ING
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: JCE/COOL OTHER:	Chlorides TPH BTEX
		331.25	10 5% XXX
54.05) 9/		3.31,25	105 8 8 8 1
			\$
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affliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whigher such claim is based upon any of the above stated rescors or otherwise.    Received By:   25 -   Received By:	Ince of services hereunder by Cardinal, regardless of whigher such claim is based upon any of the above Dayle:    Time: 730	er such claim is based upon any of the above stated reason.	llt: ☐ Yes ☐ No Add'i ire emailed. Please provide Err @ensolum.com, TMorrisse
Relinquished By:	Date: Received By:	<b>A</b> =7	3fCW: 48602000-
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C O, 4 Cool Corrected Temp. °C O, 4 TYG	e Condition CHECKED BY:  Intact (Initials)  Is 1 Yes  No	Turnardund Time:    Standard   Bacteria (only) Sample Condition   Cool Intact Observed Temp. °C   Thermometer ID: ####   Yes   Yes   Yes   No   No   Corrected Temp. °C
FORM-006 R 3.2 10/07/21		that share planes amail shares to relative	22/1/20



April 07, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/03/25 13:15.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/07/2025

PLU C2 RECYCLE FACILITY

Project Name: PLU C2 REC Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 039 1' (H251975-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
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	04/04/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/07/2025

Project Name: PLU C2 RECYCLE FACILITY

Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: FS 041 1' (H251975-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

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### Sample ID: FS 042 1' (H251975-03)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
<0.300	0.300	04/04/2025	ND					
120 9	% 71.5-13	4						
mg/kg		Analyzed By: CT						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	04/04/2025	ND	400	100	400	3.92	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
<10.0	10.0	04/04/2025	ND					
97.4	% 44.4-14	5						
96.4	% 40.6-15	3						
-	<0.050 <0.050 <0.050 <0.150 <0.300  120 9  mg/  Result 64.0  mg/  Result <10.0 <10.0  97.4	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 120 % 71.5-13 mg/kg Result Reporting Limit 64.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 44.4-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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04/02/2025

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 043 1' (H251975-04)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	< 0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	95.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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Celey D. Keene



04/02/2025

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 044 1' (H251975-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	2% 40.6-15	3						

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### Analytical Results For:

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

 Received:
 04/03/2025
 Sampling Date:
 04/02/2025

 Reported:
 04/07/2025
 Sampling Type:
 Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 045 1' (H251975-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.7	% 40.6-15	3						

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Sample Received By:

04/02/2025

Tamara Oldaker

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/07/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact

Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 046 1' (H251975-07)

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	04/04/2025	ND	1.87	93.6	2.00	1.46	
Toluene*	<0.050	0.050	04/04/2025	ND	2.15	108	2.00	6.19	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.45	123	2.00	5.25	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.48	125	6.00	4.71	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	97.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/07/2025

Project Name: PLU C2 RECYCLE FACILITY

Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

ma/ka

Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 047 1' (H251975-08)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2025	ND	1.77	88.6	2.00	4.01	
Toluene*	<0.050	0.050	04/05/2025	ND	1.85	92.6	2.00	3.51	
Ethylbenzene*	<0.050	0.050	04/05/2025	ND	1.84	92.0	2.00	3.71	
Total Xylenes*	<0.150	0.150	04/05/2025	ND	6.27	105	6.00	3.66	
Total BTEX	<0.300	0.300	04/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	95.9	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	93.9	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 03C1558563 Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 048 1' (H251975-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2025	ND	1.77	88.6	2.00	4.01	
Toluene*	<0.050	0.050	04/05/2025	ND	1.85	92.6	2.00	3.51	
Ethylbenzene*	<0.050	0.050	04/05/2025	ND	1.84	92.0	2.00	3.71	
Total Xylenes*	<0.150	0.150	04/05/2025	ND	6.27	105	6.00	3.66	
Total BTEX	<0.300	0.300	04/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.3	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 049 1' (H251975-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2025	ND	1.77	88.6	2.00	4.01	
Toluene*	<0.050	0.050	04/05/2025	ND	1.85	92.6	2.00	3.51	
Ethylbenzene*	<0.050	0.050	04/05/2025	ND	1.84	92.0	2.00	3.71	
Total Xylenes*	<0.150	0.150	04/05/2025	ND	6.27	105	6.00	3.66	
Total BTEX	<0.300	0.300	04/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 028 0.5' (H251975-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2025	ND	1.77	88.6	2.00	4.01	
Toluene*	<0.050	0.050	04/05/2025	ND	1.85	92.6	2.00	3.51	
Ethylbenzene*	<0.050	0.050	04/05/2025	ND	1.84	92.0	2.00	3.71	
Total Xylenes*	<0.150	0.150	04/05/2025	ND	6.27	105	6.00	3.66	
Total BTEX	<0.300	0.300	04/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	191	95.6	200	0.967	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.803	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	95.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 050 1' (H251975-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil Project Name: PLU C2 RECYCLE FACILITY

Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 051 1' (H251975-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	74.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/07/2025

Project Name: PLU C2 RECYCLE FACILITY

Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 021 0.5' (H251975-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	71.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/07/2025

PLU C2 RECYCLE FACILITY

Project Name: PLU C2 REC Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 022 0.5' (H251975-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	76.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.1	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

04/02/2025

Reported: Project Name: 04/07/2025

Sampling Type:

Soil Cool & Intact

PLU C2 RECYCLE FACILITY 03C1558563

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Number: Project Location:

XTO 32.1478226, -103.8447066

Sample ID: CS 023 0.5' (H251975-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	70.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.7	% 40.6-15	3						

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Sample Received By:

04/02/2025

Tamara Oldaker

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/07/2025 Sampling Type: Soil Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact

Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 024 0.5' (H251975-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	68.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	63.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 025 0.5' (H251975-18)

RTFY 8021R

Result <0.050	Reporting Limit	Analyzed	Method Blank	BS	0/ 5	T 1/1 00		
<0.050				В3	% Recovery	True Value QC	RPD	Qualifier
	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
< 0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
<0.300	0.300	04/04/2025	ND					
100	% 71.5-13	4						
mg,	/kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	04/04/2025	ND	400	100	400	3.92	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
<10.0	10.0	04/04/2025	ND					
74.3	% 44.4-14	5						
69.1	% 40.6-15	3						
	<0.050 <0.150 <0.300  100 9  mg/ Result  48.0  mg/ Result <10.0 <10.0  74.3	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/07/2025

Project Name: PLU C2 RECYCLE FACILITY

Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 026 0.5' (H251975-19)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/02/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558563

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 027 0.5' (H251975-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	2.05	102	2.00	4.78	
Toluene*	<0.050	0.050	04/04/2025	ND	2.12	106	2.00	5.40	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.08	104	2.00	6.06	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/04/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	197	98.3	200	0.213	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	195	97.6	200	0.519	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					
Surrogate: 1-Chlorooctane	72.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.7	% 40.6-15	3						

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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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FORM-006 R 3.2 10/07/21

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(010) 000-2020	1 MA (010) 000-2	770			
ompany Name: Ensolum, LLC			BILL TO	ANALYSIS	REQUEST
roject Manager: Tracy Hill	fillard		P.O. #:		
ddress: 3122 National Parks Hwy			Company: XTO Energy Inc		
ity: Carlsbad	State: NM	Zip: 88220	Attn: Colton Brown		
hone #: 515 937 3906	Fax #:		Address: 3104 E Green St		
roject #: 03C 1558 563	Project Owner: XTO	ar: XTO	City: Carlsbad		
roject Name: PLU CZ Recycle	facility	- Sp:115	State: NM Zip: 88220		
_1		7066			
	2		Fax #:		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	io .	
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER:	Chlorides TPH BTEX	
1 FS037	_	1 ×	sich X	04 DO	
14053 10	~		70	09720	
3 5842			0	0975	
4 FXXX			TO TO	255	
2 Frond				1000	
64042				105	
7 Fso46				1110	
1 1053 8	_		,		
10 Froma	_	0	N.LIK I	12:15	
al's liab) nce and ncidents	nd client's exclusive remedy for any claim arisi- ther cause whatsoever shall be deemed walvo- consequental damages, including without limits annee of sendees have under by Cardinal recas	any claim arising whether based in control of deemed walved unless made in writing g without limitation, business interruption control repairtless of whether such claims.	paid bafter o	y the client for the completion of the applicable constraints.	
	218-6mil	ved By:	Make I	are	☐ Yes ☐ No Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
elinquished By:	Date: Time:	Received By:		2565252	\$A51805931927
Delivered By: (Circle One) ampler - UPS - Bus - Other:	Observed Temp. *C	Sample Condition Cool Intact Pres Tres	CHECKED BY:	Turnaround Time: Standard Bacteria (on 48 hr. Rush Cool Intact Themometer ID: #49 hr. Rush Cook Rush Rush Rush Rush Rush Rush Rush Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Cool Pes ☐ Yes ☐ No Corrected Temp. °C

Relinquished By:

Date: Time:

Received By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. \*C

o,

Cool Intact
Yes Tyes
No No Sample Condition

> CHECKED BY: (Initials)

Cost Center: 202 GFCM: 48605000-50;||5

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

REMARKS: Incident: WAPP 2428565252

\$451805931927

FORM-006 R 3.2 10/07/21

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## 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	ľ		110			l		
Company Name: Ensolum, LLC	: Ensolum, LLC			BILL TO	0			ANALYSIS REQUEST
Project Manager:	"Tracy Hillard	Q-		P.O. #:		$\dashv$	-	
Address: 3122 N	Address: 3122 National Parks Hwy			Company: XTO Energy Inc	rgy Inc	_		
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown		_		
Phone #: 515	957 3906	Fax #:		Address: 3104 E Green St	een St	_		
Project #: 03C	5 1528 663	Project Owner: XTO	r: XTO	City: Carlsbad		_		
Project Name: f	Project Name: PLU CZ Recycle	Facility	- Spills	State: NM Zip: 88220	3220	_		
Project Location	Project Location: 32.1478226	•	1066	Phone #:				
Sampler Name:	Joshua Boxley	2		Fax #:				
FOR LAB USE ONLY		,	MATRIX	PRESERV. S.	SAMPLING		_	
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	Chlorides	TPH BTEX	
11	82052	0.5	1 X	×	050 5	X	X	
21	65050	1		7	1245	X		
13	1503	-			1225			
14	(202)	5.0			8180			
14	Gorr	5.0			0925			
16	62053	2.0			1560			
17	4024	~			0938			
18	52057				0944			
19	92050	_			0449		,	
20	0,5027	0.5	0 -	A 4.2.25	7 1025	8	X	
PLEASE NOTE: Liability an analyses. All claims includir service. In no event shall Ca affiliates or successors arisin	nd Damages. Cardinal's liability and cl ing those for negligence and any other ardinal be liable for incidental or cons ing out of or related to the performance	ent's exclusive remedy for a cause whatsoever shall be equental damages, includin e of services hereunder by (	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for regignerce and any other cause whateoever shall be demanded whether whether whether and in writing and received by cardinal within 30 days after completion of the applicable service. In no event shall Cardinal whe liabels for including the cause whateoever shall be demanded by the client of the substitutes. Substitutes, affiliates or successors arising out of or related to the performance of services hereurder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	tor tort, shall be limited to the amound received by Cardinal within 30 days loss of use, or loss of profits incurred to based upon any of the above state.	nt paid by the client for the s after completion of the a d by client, its subsidiaries ed reasons or otherwise.	applicable		
Relinquished By:	in the second of the second	Parte 3-25	Received By:	MAL	Verbal Result:	ult:	Yes 🗆	Verbal Result: ☐ Yes ☐ No Add'I Phone #:  All Results are emailed. Please provide Email address:
100	1	Ilme: 2/C	10/1/04/	N/Wall	Hillard.	(@er	nsolum.co	@ensolum.com, I Morrissey@ensolum.com, K i nomason@ensolum.com



April 10, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/08/25 13:45.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/08/2025 Reported: 04/10/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/04/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: SW 01 0-2 (H252081-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	118 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	114 9	% 40.6-15	3						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: SW 02 0-1 (H252081-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.3	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: SW 03 0-1 (H252081-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: SW 04 0-2 (H252081-04)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 05 0-3 (H252081-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	99.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.7	% 40.6-15	3						

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04/04/2025

Soil

### Analytical Results For:

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

Received: 04/08/2025 Reported: 04/10/2025

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Applyzod By: 14

Sampling Date:

Sampling Type:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 06 0-3 (H252081-06)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value OC	DDD	
				55	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
<0.300	0.300	04/09/2025	ND					
99.1	% 71.5-13-	4						
mg/	kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
320	16.0	04/09/2025	ND	416	104	400	3.77	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
<10.0	10.0	04/08/2025	ND					
104 9	% 44.4-14.	)						
	mg/ Result <10.0 <10.0 <10.0	320 16.0  mg/kg  Result Reporting Limit  <10.0 10.0  <10.0 10.0  <10.0 10.0	320     16.0     04/09/2025       mg/kg     Analyze       Result     Reporting Limit     Analyzed       <10.0	320         16.0         04/09/2025         ND           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank           <10.0	320         16.0         04/09/2025         ND         416           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS           <10.0	320         16.0         04/09/2025         ND         416         104           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           <10.0	320         16.0         04/09/2025         ND         416         104         400           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <10.0	320         16.0         04/09/2025         ND         416         104         400         3.77           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

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Celeg & Freene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 052 3 (H252081-07)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15.	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 053 3 (H252081-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 054 3 (H252081-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 055 3 (H252081-10)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	98.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 056 3 (H252081-11)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 057 3 (H252081-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	98.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 058 3 (H252081-13)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 059 3 (H252081-14)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 060 3 (H252081-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103 9	40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 061 3 (H252081-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 062 3 (H252081-17)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	99.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.2	% 40.6-15	3						

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Celeg & Frence



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 063 3 (H252081-18)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

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Celey & Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 064 3 (H252081-19)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	96.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 065 3 (H252081-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.96	98.1	2.00	3.20	
Toluene*	<0.050	0.050	04/09/2025	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.03	101	2.00	4.53	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.96	99.3	6.00	4.90	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	206	103	200	1.39	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	196	98.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 07 0-3 (H252081-21)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit  0.050  0.050  0.050  0.150  0.300	Analyzed 04/09/2025 04/09/2025 04/09/2025 04/09/2025 04/09/2025	Method Blank  ND  ND  ND  ND	BS 1.80 1.96 1.97 6.40	% Recovery 89.9 97.9 98.5	True Value QC 2.00 2.00 2.00	RPD 6.05 7.62 7.82	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150	04/09/2025 04/09/2025 04/09/2025	ND ND ND	1.96 1.97	97.9 98.5	2.00	7.62	
<0.050 <0.150 <0.300	0.050 0.150	04/09/2025 04/09/2025	ND ND	1.97	98.5			
<0.150 <0.300	0.150	04/09/2025	ND			2.00	7.82	
<0.300				6.40	107			
	0.300	04/09/2025			107	6.00	6.23	
127			ND					
/	% 71.5-13	4						
mg/kg		Analyze	Analyzed By: KV					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	04/09/2025	ND	448	112	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
<10.0	10.0	04/09/2025	ND					
102	% 44.4-14	5						
0.7.	% 40.6-15	3						
	Result 80.0 mg, Result <10.0 <10.0 <10.0	mg/kg  Result Reporting Limit  80.0 16.0  mg/kg  Result Reporting Limit  <10.0 10.0  <10.0 10.0  <10.0 10.0  <10.0 444.4-14	mg/kg       Analyzed         Result       Reporting Limit       Analyzed         80.0       16.0       04/09/2025         mg/kg       Analyzed         Result       Reporting Limit       Analyzed         <10.0	mg/kg       Analyzed Method Blank         80.0       16.0       04/09/2025       ND         MS         Result Reporting Limit Analyzed Method Blank         <10.0	mg/kg       Analyzed By: KV         Result       Reporting Limit       Analyzed       Method Blank       BS         80.0       16.0       04/09/2025       ND       448         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS         <10.0	May Jey: KV         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         80.0       16.0       04/09/2025       ND       448       112         Ms         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         <10.0	mg/kg         Analyzed by: KV           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           80.0         16.0         04/09/2025         ND         448         112         400           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <10.0	mg/kg         Analyzed By: KV           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           80.0         16.0         04/09/2025         ND         448         112         400         0.00           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/07/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 08 0-3 (H252081-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/01/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 036 1 (H252081-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/01/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 037 1 (H252081-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.6	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/01/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 03C1558563 - SPILLS Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 038 1 (H252081-25)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Sampling Date: 04/01/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 040 1 (H252081-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.9	40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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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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Celeg D. Freene

Relinquished By:

Sampler - UPS -

Bus - Other:

FORM-006 R 3,2 10/07/21

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

Delivered By: (Circle One)

Time:

Received By:

@ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com

REMARKS: Incident: WAPP 2428555252
Cost Contact-183 Coff CM: 48605000-50:1/6

o

CHECKED BY: (Initials)

Turnarbund Time:

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Corrected Temp. °C Observed Temp, °C PLEA analy servic affilial

### 101 East Marland, Hobbs, NM 88240 (575) 303-2326 EAY (575) 303-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 R 3.2 10/07/21

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		77
Company Name: Ensolum, LLC	BILL TO	ANALYSIS REQ
Project Manager: Tracu U. Ilarch	P.O. #:	
Address: 3122 National Parks Hwy	Company: XTO Energy Inc	
25- NIM 75- 88220	Attn: Colton Brown	

	(575) 393-2326 FAX (575) 393-2476	X (575) 393-24	76				
ompany Name: Ensolum, LLC	Ensolum, LLC			BILL TO	70	AN	ANALYSIS REQUEST
roject Manager:	Tracy Hillard	6		P.O. #:			
ddress: 3122 Na	쿵			Company: XTO Energy Inc	nergy Inc		
ity: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown	'n		
hone #: 515	957 3906	Fax #:		Address: 3104 E Green St	Green St		
roject #: 03C	1558 563	Project Owner: XTO	: XTO	City: Carlsbad			
roject Name: ρ	U C2	Facility	- Spills	State: NM Zip:	Zip: 88220		
roject Location:	32.1478226	1	990	Phone #:			
ampler Name:	v	2		Fax			
FOR LAB USE ONLY		,	P. MATRIX	RIX PRESERV.	SAMPLING		
Lab I.D.	Sample I.D.	Depth (feet)	GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: OTHER:	TIME	Chlorides TPH BTEX	
//	42026	M		X	7.15 0755	X	
17	F5057	->		`	5080		
10	£5058				0180		
14	65059				0900		
i	5660				090'>		
16	1903				9010		
17	5882				0110		
18	£4063				Sibo		
19	55064	_					
PLEASE NOTE: Liability and	6 Damages. Cardinal's liability and client's exclusive remesty for any claim arising whether be	lent's exclusive remedy for	any claim arising whether based	20 7565  REASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any client cardinal whether balled in contract or tord, shall be limited to the amount paid by the client for the spiciable.	thin 30 days after completion of the s	applicable	
service. In no event shall card affiliates or successors arising Relinquished By:	scars arising out of or related to the performance need By:	Date: 8:35	Received By:	Relinquished By:  Date: 8-35 Received By:  All Results 3	Verbal Result: All Results are	ie it:	☐ Yes ☐ No Add'I Phone #:  □ Pes ☐ No Add'I Phone #:  @ensolum.com. TMorrissev@ensolum.com, KThomason@ensolum.com
and		1345		MICH NAMES	C I CILITA		
Relinquished By:	7	Date: Time:	Received By:		Incident: W	Incident: NAP 2428555252 Cost Context 128 CAFCM: 486050	000-50:115
Delivered By: (Circle One)		Observed Temp. *C	6.7	Sample Condition CHECKED BY: Cool Intact (Initials)		Turnarbund Time: Standard Bacteria  Hash Cool Intia	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:		Corrected Temp. °C Q, Q		Tyes Tyes	)	ID: #/40	Nc No Corrected Temp. °C

### 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

575) 393-2326 nsolum, LLC	FAX (575) 393-2476	BILL TO	ANALYSIS REQUEST	
ddress: 3122 National Parks Hwy	s Hwy	Company: XTO Energy Inc		
ity: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown		
hone #: 515 957 3906	Fax #:	Address: 3104 E Green St		
roject #: 03C  558 567	Project Owner: XTO	City: Carlsbad		_
me: PLU CZ	cle Facility - Spills	State: NM Zip: 88220		_
	-	Phone #:		
Joshwa	N.	Fax #:		_
$\neg$	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(feet) Depth		Chlorides TPH BTEX	
21 5 WOT	0-3 (1)	-		
gams BB	0-3	5	1 3	
		41: 62 151	100	
25 57 76 37 AG		71 17	1225	
0	1. 01	41.25 1220	8	
				303
NLEASE NOTE: Liability and Damages. Cardinal's liability and namages. Cardinal's liability and Damages. Cardinal's liability and an analyses. All claims including those for negligence and an analyses is no every that the	PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatscewer shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatscewer shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable.	ntract or tort, shall be limited to the amount paid by the ng and received by Cardinal within 30 days after comp tions, loss of use, or loss of profits incurred by client, it	client for the letion of the applicable subsidiaries,	
affiliates or successors arising out of or related to the perfo	Time: 345	What all all all all all all all all all a	Verbal Result:       □ Yes       □ No         Add'l Phone #:         All Results are emailed.       Please provide Email address:         TH;	n@ensolum.com
Relinquished By:	Date: Received By:		ACW: 4862000-	dition
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Temp. 'C / 9 Sample Condition Cool Intact Corrected Temp. 'C / 9 Sample Condition Cool Intact Corrected Temp. 'C / 9 Sample Condition Cool Intact No. 1	CHECKED BY:	Turnarbund Time: Standard   Bacteria (only) Salliple Continuon    Cool Intact   Observed Temp. °C    Thermometer ID: ###   Correction Factor: ###   Nc   No   No   Corrected Temp. °C	Temp. °C

FORM-006 R 3.2 10/07/21



April 10, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Applyand By 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 066 1 (H252101-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.2	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 067 1 (H252101-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.80	89.9	2.00	6.05	
Toluene*	<0.050	0.050	04/09/2025	ND	1.96	97.9	2.00	7.62	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.97	98.5	2.00	7.82	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	6.40	107	6.00	6.23	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	185	92.4	200	0.309	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	190	95.2	200	0.726	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 068 1 (H252101-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.8	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 069 1 (H252101-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 070 1 (H252101-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.4	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 071 1 (H252101-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.4	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 072 1 (H252101-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 073 1 (H252101-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	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	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	102 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.4	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 074 1 (H252101-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	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	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.7	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 075 1 (H252101-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/08/2025 Reported:

04/10/2025 PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/08/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: FS 076 1 (H252101-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100 9	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 077 1 (H252101-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/09/2025	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	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.9	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 078 1 (H252101-13)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.9	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/08/2025 Reported: 04/10/2025

PLU C2 RECYCLE FACILITY

03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/08/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: FS 079 1 (H252101-14)

Project Name:

Project Number:

BTEX 8021B	mg/kg		Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	< 0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	99.7	% 40.6-15	3						

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Celey D. Keene



04/08/2025

### Analytical Results For:

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

Received: 04/08/2025 Sampling Date:

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 080 1 (H252101-15)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	104 9	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 081 1 (H252101-16)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 082 1 (H252101-17)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	99.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	94.2	% 40.6-15	3						

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### 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: 04/10/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 - SPILLS Sample Received By: Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 09 0-1 (H252101-18)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.03	102	2.00	4.66	
Toluene*	<0.050	0.050	04/09/2025	ND	1.92	95.8	2.00	3.20	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	1.93	96.4	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.95	99.2	6.00	2.26	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/09/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2025	ND	202	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/09/2025	ND	202	101	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	04/09/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.2	% 40.6-15	3						

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



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2476	AX (575) 393-24	76			
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO	ANALYSIS REQUEST	1
Project Manager:	Tracy Hillary			P.O. #:		_
Address: 3122 N	20			Company: (To Energy	The	_
City: Carlsbad		State: NM	Zip: 88220	Attn: (of for Brown		_
Phone #: 575	90bs LEB.	Fax #:		Address: 3/04 E Ga	Floren X	_
Project #: 03c 1558 565	1558 563	Project Owner:		city: Carlsbad		_
Project Name: PLU CZ	LU CZ Recycle	Facility - Spills	115	State: NM Zip: 88220	20	
Project Location		-103. 8447066		Phone #:		_
Sampler Name:	Joshua Boxla	ey		Fax #:		_
FOR LAB USE ONLY			MATRIX	PRESERV. SAMI	SAMPLING	_
Lab I.D.	Sample I.D.	Depth (feet)	G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Tell BTEX	
100 COU	65066	_	- 8	1,5,25	0740 846	-
v-	L9067	->.	7		3270	+
),l	F3068				0750	+
	53069				0755	+
Λ,	0105y 7057 ck				0%00	+
61	11053				08/5	+
م	71007				0825	
200	F5074		-	,	0430	-
7	21.053	1		7.8.7	0840 741	$\vdash$
PLEASE NOTE: Liability a analyses. All claims includ service. In no event shall C	PLEASE NOTE: Liability and Damages, Cardinal's liability and cliennalyses. All claims including those for negligence and any other service, in no event shall Cardinal be liable for incidental or conse	client's exclusive remedy for any claim rer cause whatsoever shall be deemed naequental damages, including without	claim arising whether based in emed waived unless made in w ethout limitation, business interr	contract or tort, shall be small be smourt by contract or tort, shall be small within 30 days after arting and received by Cardinal within 30 days after upbions, loas of use, or loss of profits incurred by the shower stated to the shower st	Ti spato by the client for the applicable ye after completion of the applicable d by client, its subsidiaries, led reasons or otherwise.	
Relinquished By:	By:	Date:	Received By:		Verbal Result: ☐ Yes ☐ No Add'I Phone #:  All Results are emailed. Please provide Email address:  All Results are emailed. Please provide Email address:	102.1
Relinquished By:	Y:	1550 Date:	Received By:		REMARKS: APP 2428 555 252 AFE: EW. 2025. 15686	
		Time:			5000-Spills Cos	
Delivered By: (Circle One)		Observed Temp. °C		O	Rus	
Sampler - UPS - Bus - Other:		Corrected Temp. °C	Suc No No No	To the second	Correction Factor 748.3'   Nc   No Corrected Temp. °C	

### CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

State: NM Zip: 89220 Attn: Colon Revul  Fax #: Address: \$104 E 6 mm / \$2  Project Owner:  City: Corl Shard  Project Owner:  City: Corl Shard  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:  Fax #:  Fax #:  Fax #:  Fax #:  Fax #:  Project Owner:  State: AVIII Zip: 65,220  Phone #:  Fax #:	(575) 393-23 Company Name: Ensolum, LLC	(575) 393-2326 : Ensolum, LLC	(575) 393-2326 FAX (575) 393-2476	476	BILL TO	0	-	ANALYSIS REQUEST
City: Carlishad  Phone #: 575 937 366 Fax #: Project Owner:  Project Name: PLU C7 Recycle Fox[Hy -56] State: NM Zip: 88220 Address: \$104 15 few; \$4  Project Location: \$2.1478,326 Fox[Hy -56] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -56] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -56] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -56] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -56] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478,326 Fox[Hy -66] State: NM Zip: 86320  Project Location: \$2.2478, \$2.2479  Project Locat	Project Manager	Tracy Hillar	rd		P.O. #:			
Photoet 1. Sample I.D. Sample I.D. Geet)  Lab I.D.	City Carlehad	duollal rains hwy	State: NM	7in: 88220	Attn: Colton Bre	-	_	-
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Depth   Co   PRESERV   SAMPLING   PRESERV	Sampler Name:	Joshua Bo	xlex		Fax #:			
Lab I.D. Sample I.D. (feet)    Committee   Constitution   Constitu	FOR LAB USE ONLY				PRESERV.			
FS.0716  FS.0717  FS.0718  FS.0719  FS.	Lab I.D.	Sample I.D.		# CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME		
Cool   Times:   Corrected By:   Circle One)   Carress a Tamp.   Cool Image:   Cool I	H John	F5076	_		1 4.8	1	1	
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PLEASE NOTE: Liability and Damagea. Cardinal's liability and clients exclusion remedy for any damn sineing whether based in contract or box, shall be limited to the amount paid by the client for the applicable analyses. All clients including those for medigence and any other cause whatsoever shall be deemed whether based in contract or box, shall be limited to the amount paid by the client for the applicable analyses. All clients or successors similar paid of or related to the performance of exclusion by almost immaken, business thempotens, tose of use, or loss of profits increated by district, its subsidiaries.  Relinquished By:  Relinquished By:  Relinquished By:  Relinquished By:  Circle One)  Date:  Received By:  Time:  Sample Condition  Checked By:  Time:  Sample Condition  Checked By:  The manount paid by the client to the amount paid by the client to the applicable in the applicable of the profit of the applicable of the profit of the applicable of the profit of the amount paid by the client to the applicable of the profit of the amount paid by the client to the paid and to profit the amount paid by the client to the amount paid by the client to the amount paid by the client to the paid and to paid and the amount paid by the client to the paid and the amount paid by the client to the paid and to paid and to paid and the paid and the amount paid by the client to the paid and to paid and to paid and the paid and the paid and the paid and the paid and	J	78087	-	-	,	1145		
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dain similar with the dent to the amount paid by the client of the services in including those for negligence and any other cause which bower shall be deemed white makes and an 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 which client shall cannot by Cardinal within 30 days after completion of the applicable services hereunder by Cardinal regardless of whether such daim is based upon any of the above stated reasons or oftensies.  Received By:  Relinquished By: Circle One)  Delivered By: (Circle One)  Deserved Temp. *C  Coof Intact  Time:  Sample Condition  CHECKED BY:  Tumaround Time:  Standard  CHECKED BY:  Tumaround Time:  Standard  Cool Intact  Cool I								
Date:    Color One)   Corrected Tomp. CC   Color Intact (Initials)   The Color of t	PLEASE NOTE: Liability an analyses, All claims includin service, in no event shall Ca	d Damages. Cardinal's liability and those for negligence and any ardinal be liable for incidental or	nd client's exclusive remedy for other cause whatsoever shall b consequental damages, include	any claim arising whether based in con deemed walved unless made in writing g without limitation, business interruption	tract or tort, shall be limited to the aming and received by Cardinal within 30 dons, loss of use, or loss of profits incur	ount paid by the client for the lays after completion of the applicable red by client, its subsidiaries, tated researchs or otherwise.	•	
Date: Received By:  Time:  Cle One)  Observed Temp. °C Cool Intact (Initials)  The Corrected Temp. °C US - Other:  Corrected Temp. °C Corrected Te	Relinquished By	My or of the beauty of the beauty	Date: 4-8-85	Received By:		≥<	☐ Yes ☐ No Adnailed. Please provide	Id'I Phone #: Email address:
Time:    Conserved Temp. °C   Sample Condition   CHECKED BY:   Turnaround Time:   Standard   Bacteria (only) Standard   Cool Intact (Initials)   Thermometer   Cool Intact   Cool Intact   Correction Temp. °C   Cool Intact (Initials)   Thermometer   Cool Intact   Co	Relinquished By	" N	Date:	Received By:		REMARKS: API	24128555252	AFE: EW.
Cool Intact (Initials)  Corrected Temp. C   Yes Yes   Yes   Turnaround Time: Standard   Bacteria (only) S   Cool Intact   Cool I			Time:			6FCM:4860	5/195-0005	0
NO N	Delivered By: (Ci Sampler - UPS -	ircle One) Bus - Other:	Corrected Temp. °C			Turnaround Time	1	y s



April 14, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/10/25 13:37.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/10/2025 Reported: 04/14/2025

04/14/2025 PLU C2 RECYCLE FACILITY

03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/08/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW 10 0-1 (H252135-01)

Project Name:

DTEV 0021D

Project Number:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.14	107	2.00	0.948	
Toluene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.10	105	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.22	104	6.00	0.997	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2025	ND	189	94.6	200	0.157	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	201	100	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	84.8	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15.	3						

Applyand By 14

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



### **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

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed

Sample Condition

CHECKED BY:

Turnaround Time:

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

| Yes | Yes | Yes | No Corrected Temp.

ô

Corrected Temp. °C

on Factor:

FORM-006 R 3.2 10/07/21

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(5/5)	393-2326 F/	(5/5) 393-2326 FAX (5/5) 393-24/6	1/6			
Company Name: Ensolum, LLC	m, LLC			BILL TO		ANALYSIS REQUEST
Project Manager: Tracy	y Hillard	0		P.O. #:		
Address: 3122 National Parks Hwy	Parks Hwy			Company: XTO Energy Inc	Inc	
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown		
Phone #: 515 937 3906	3906	Fax #:		Address: 3104 E Green St	n St	
Project #: 03C  558 565	495 8	Project Owner: XTO	: XTO	City: Carlsbad		
Project Name: PLU CZ Recycle	2 Recycle	Facility	- Spills	State: NM Zip: 88220	0	
Project Location: 32.1478226	1478226	-103.84·	990	Phone #:		
Sampler Name: Jos	Joshua Boxley	7		Fax #:		
$\neg$			MATRIX	PRESERV. SAM	SAMPLING	
	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: JCE / COOL OTHER:	Chlorides TPH BTEX	
OTMS	0	1.0	1	X 4.815	XXX	
						j
PLEASE NOTE: Liability and Damages. ( analyses, All claims including those for m service. In no event shall Cardinal be liab	Cardinal's liability and cli agligence and any other le for incidental or conse	ent's exclusive remedy for a cause whatsoever shall be equental damages, including	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount peid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waked unless made 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 interruptions, loss of use, or loss of profits incurred by client, its subsciousness.	t or tort, shall be limited to the amount pa or received by Cardinal within 30 days aft loss of use, or loss of profits incurred by	d by the client for the or completion of the applicable client, its subsidiaries,	
Relinquished By:	and to the performance		Date o 25 Received By:	1000/100	Verbal Result: All Results are	☐ Yes ☐ No ☐ Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
Relinquished By:		Date:	Received By:	0	REMARKS: Incident: MAP 2428555252	
1		IIme:			Cost Center. 20040 [100]	CACW: 4200,000-20112

Page 4 of 4



April 16, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/14/25 12:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/14/2025 Reported: 04/16/2025

04/16/2025 PLU C2 RECYCLE FACILITY 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 083 1' (H252196-01)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	81.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.5	% 40.6-15	3						

A ..... I ..... . J D. ... 711

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 084 1' (H252196-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	77.2	% 40.6-15.	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 085 3' (H252196-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 086 3' (H252196-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	83.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.3	% 40.6-15	3						

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### Analytical Results For:

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

 Received:
 04/14/2025
 Sampling Date:
 04/10/2025

 Reported:
 04/16/2025
 Sampling Type:
 Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 11 0-1' (H252196-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	80.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 12 0-3' (H252196-06)

RTFY 8021R

ilig/	кg	Апануге	а ву: эп					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
<0.300	0.300	04/15/2025	ND					
102	% 71.5-13	4						
mg,	/kg	Analyze	d By: KV					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
96.0	16.0	04/15/2025	ND	400	100	400	3.92	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
<10.0	10.0	04/15/2025	ND					
83.3	% 44.4-14	5						
74.5	% 40.6-15	3						
	Result <0.050 <0.050 <0.050 <0.150 <0.300  102 9  mg/  Result 96.0  mg/  Result <10.0 <10.0 <83.3	<ul> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.150</li> <li>&lt;0.300</li> <li>0.300</li> <li>T1.5-13</li> <li>mg/kg</li> <li>Result Reporting Limit</li> <li>96.0 16.0</li> <li>mg/kg</li> <li>Result Reporting Limit</li> <li>&lt;10.0</li> </ul>	Result         Reporting Limit         Analyzed           <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           < 0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 029 0.5' (H252196-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	84.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Reported: 04/16/2025

Project Name: PLU C2 RECYCLE FACILITY Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: CS 030 0.5' (H252196-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 031 0.5' (H252196-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	80.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 032 0.5' (H252196-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.13	106	2.00	2.41	
Toluene*	<0.050	0.050	04/15/2025	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.29	105	6.00	2.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	199	99.3	200	2.56	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	80.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: CS 033 0.5' (H252196-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Reported: 04/16/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: CS 034 0.5' (H252196-12)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	91.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 087 3' (H252196-13)

RTFY 8021R

ilig/	ку	Allalyze	а ву: эп					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
<0.300	0.300	04/15/2025	ND					
106 9	% 71.5-13	4						
mg/	'kg	Analyze	d By: KV					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	04/15/2025	ND	400	100	400	3.92	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
<10.0	10.0	04/15/2025	ND					
94.6	% 44.4-14	5						
92.3	% 40.6-15	3						
	Result <0.050 <0.050 <0.050 <0.150 <0.300  1069 mg/  Result 48.0 mg/  Result <10.0 <10.0 <94.69	<ul> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.150</li> <li>&lt;0.300</li> <li>0.300</li> <li>106%</li> <li>71.5-13</li> <li>mg/kg</li> <li>Result Reporting Limit</li> <li>48.0 16.0</li> <li>mg/kg</li> <li>Result Reporting Limit</li> <li>&lt;10.0</li> <li>&lt;10.0</li></ul>	Result         Reporting Limit         Analyzed           <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           < 0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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### Analytical Results For:

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

Received: 04/14/2025 Reported: 04/16/2025

04/16/2025 Sa PLU C2 RECYCLE FACILITY Sa

Project Location: XTO 32.1478226, -103.8447066

03C1558563 (SPILLS)

ma/ka

Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 088 3' (H252196-14)

Project Name:

RTFY 8021R

Project Number:

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.0	% 40.6-15	3						

Analyzed By: 14

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### Analytical Results For:

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

Received: 04/14/2025 Reported:

04/16/2025 PLU C2 RECYCLE FACILITY

03C1558563 (SPILLS) Project Number:

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: FS 089 3' (H252196-15)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/10/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact 03C1558563 (SPILLS) Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 13 0-3' (H252196-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	< 0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	91.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.3	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/11/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 090 2' (H252196-17)

RTFY 8021R

Result	Reporting Limit	Analyzed						
		Analyzeu	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
<0.300	0.300	04/15/2025	ND					
108	% 71.5-13	4						
mg,	/kg	Analyze	d By: KV					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	04/15/2025	ND	400	100	400	3.92	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
<10.0	10.0	04/15/2025	ND					
101	% 44.4-14	5						
93.6	% 40.6-15	3						
	<0.050 <0.150 <0.300  108 s mg/  Result 64.0 mg/  Result <10.0 <10.0	<0.050 <0.050 <0.050 <0.150 <0.300 108 % 71.5-13 mg/ky Result Reporting Limit 64.0 16.0 mg/ky Result Reporting Limit <10.0 <10.0 <10.0 <10.0 <10.0 <44.4-14	County   County	<0.050	<0.050	<0.050	<0.050	<0.050

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### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/11/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact 03C1558563 (SPILLS) Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 091 2' (H252196-18)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.4	% 40.6-15	3						

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



### Analytical Results For:

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

Received: 04/14/2025 Sampling Date: 04/11/2025

Reported: 04/16/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 14 0-2' (H252196-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.16	108	2.00	3.63	
Toluene*	<0.050	0.050	04/15/2025	ND	2.07	104	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	2.11	105	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	6.46	108	6.00	3.32	
Total BTEX	<0.300	0.300	04/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/15/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2025	ND	200	100	200	0.216	
DRO >C10-C28*	<10.0	10.0	04/15/2025	ND	192	95.9	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.6	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

FORM-006 R 3.2 10/07/21

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### Address: 172 Mathons France France   Hillard   ### Address: 172 Mathons France   ### Company; XTO Energy Inc.    Company; XTO Energy Inc.		(3/3) 353-2320	FAA (3/3) 393-24	0												_		
Frace   Hillard   Company: XTO Energy Inc   Company: XTO Energy Inc   Company: XTO Energy Inc   Address: 3104 E Green St   155-8 56 7   Project Owner: XTO   City: Carlshadd   City: Carlshadd   Company: XTO Energy Inc   Address: 3104 E Green St   155-8 56 7   Project Owner: XTO   City: Carlshadd	Company Name:	Ensolum, LLC				BII	100					A	VALY		REQU	JEST		
State: NM Zip: 88220 Attn: Colton Brown  Fax #: Address: 3104 E Green St  Project Owner: XTO  City: Carlsbad  City: Carlsbad  City: Carlsbad  Fax #:	Project Manager	racy	rd			P.O. #:						_	-	-	-			
State: NM Zip: 88220 Attn: Colton Brown  Fax #: Address: 3104 E Green St  Project Owner: XTO  City: Carlsbad  City: Carlsbad  State: NM Zip: 88220  Phone #:  Fax #:  Fax #:  Fax #:  Fax #:  Project Owner: XTO  City: Carlsbad  Phone #:  Fax #:  Fa	Address: 3122 N	ational Parks Hwy				Company: XT	O Energy	Inc				_	_				_	_
Project Owner: XTO  City: Carlsbad  City: Carl	City: Carlsbad		State: NM	Zip: 8	38220	Attn: Colton	Brown					_	_	_	_		_	_
Project Owner: XTO    Fax;	Phone #: 515	1	Fax #:			Address: 310	4 E Green	St			_	_		_	_			
Pacific   1		1558	Project Owner	: XTO		City: Carlsba	d				_	_			_		_	
Depth OOS RETERM PRESERV. SAMPLING    Fax #:	Project Name: P		facility -	sp:lls	V	State: NM	Zip: 88220				_							
Depth (feet) ATTEMEDITE TIME (feet) By:    C 1   C 2   C 3   C 4	Project Location	-	, -103. BUH.	990		Phone #:					_	_	_					
Depth CO S REPORT SAMPLING    C 1   C 2   C C C C C C C C C C C C C C C C	Sampler Name:	Joshwa Box	2			Fax #:							_		_			
Depth (C) S SET ER (Feet) (C) S SET ER (C) S Sample Condition Checked By:    Depth (C) S Set Content of the strong whether shared in contract or tord, shall be limited to the amount paid by the client for the strong whether shared in contract or tord, shall be limited to the amount paid by the client for the strong whether shared in contract or tord, shall be limited to the amount paid by the client for the strong whether shared in contract or tord, shall be limited to the amount paid by the client for the strong whether shared in contract or tord, shall be limited to the amount paid by the client for the strong whether shared in the strong whether shared in contract or tord, shall be limited to the amount paid by the client for the strong whether shared in shared to the amount paid by the client for the strong whether shared in shared to the amount paid by the client for the strong whether shared interesting the shared shared in source and shared resource or otherwise.    Date:   Date:   Received By:   Date:   Dat	FOR LAB USE ONLY		,	IP.	MATRIX	PRESERV.	SAMP	LING										
1 C 1 W 10.25 09 50 W 1905 V 1	Lab I.D.	Sample I.D.	Depth (feet)		GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: JCE / COOL	DATE	TIME	Chlorides	TPH	BTEX							
Time:  Date:  Received By:  Received By:  Cool Initials)  Received By:  Cool Initials  CheckED BY:  Themmometer ID:  Correction Feacut:  Tormometer ID:  Themmometer ID:  Themmo	-	F5083	-	_	×	×	75:01.h	0950	X	X	X		_	1				
Impact   I	2	FSORY		-		_		2560	7	1	1	2	+	-	H			
1010   1015   1010	CI	15085	4					500				7	-					
1075  0.5  0.5  0.5  0.5  0.5  0.5  0.5	4	F5086	4					1010				_						
Date:  Date:  Received By:  Time:  Date:  Received By:  Received By:  Cool Initiats  Contract Temp. "C   Mes   Mes	9	11ms	1-0					OBO						-				
Date:  Received By:    Date:   Received By:   Cost Center:   Cost	6	5w/2	1					1015										
Date:  Received By:  Time:  Date:  Received By:  Time:  Cool Inflator  Contractor Termp. *C   Month of the No   No   No   No   No   No   No   No	7	62029	5.0					250						-	-			
Date:  Received By:  Time:  Date:  Received By:  Sample Condition  Cost Center:  No N	00	02020	0.5					1055					-	-				
Date:  Received By:  Time:  Dafe:  Received By:  Received	9	62031	0.5				-	1100				-	-					
Ime:  Date:  Received By:  Time:  Date:  Received By:  Time:  Date:  Received By:  Time:  Date:  Received By:  Received By:  Time:  Cool Inflat:  Cool Infla	10	25052	0.5	F	1	+	-	1250	6	+	+	L	H	H	H			
By:  Date: Hillard  Received By:  Time: Received By:  Date: Received By:  Frame: Received By:  Cost Center: Cost Center: (Initials)  Themometer ID:  Page: West Description CHECKED By: Themometer ID:  The Corrector Factor Facto	PLEASE NOTE: Liability and analyses. All claims includin service. In no event shall Carefficies or suppressors arising	d Damages. Cardinal's liability and g those for negligence and any of rdinal be liable for incidental or co	I client's exclusive remedy for a her cause whatsoever shall be a nsequental damages, including noe of sondres hereander by C	deemed wo	ising whether based in contra aived unless made in writing a nitation, business interruptions coordiness of whether such clair	ct or tort, shall be limited to not received by Cardinal w , loss of use, or loss of pro n is based upon any of the	the amount paid thin 30 days after lifts incurred by cli- sabove stated rear	by the client for the completion of the ent, its subsidiarie cons or otherwise	he applicable	•								
Date: Received By:  Time: Cool Intact Us - Other: Corrected Temp. 'C   No   No   No   No   No   No   No   REMARKS: REMARKS: Incident: WARP 2478/5/5/25/2   AFE: EW. 7875, 15886 Incident: WARP 2478/5/25/2   AFE: EW. 7875, 15886 Incident: WARP 2478/5/25/2   AFE: EW. 7875, 15886 Incident: WARP 2478/5/25/2   AFE: EW. 7875, 15886 Incident: WARP 2478/5/2   AFE: EW. 7875, 15886 Incident:	1/0	5	Date: 1428	Rece	100	all m	St.	Verbal Res	are en	☐ Yes nailed. ensolu	Please m.com,	o A	Email ssey@	one #: address ensolun	n.com,	KThomas	on@ensolum	com
Corrected Temp. "C	Relinquished By	.7	Date: Time:	Rece	alved By:		(	REMARKS Incident: N Cost Cente	AP 24	2826	5252	东西	N : W	2007	986	20:11		
Corrected Temp. "C / / A Yes A Yes Thermometer ID: # (A)   Yes   Yes   Yes   No   No   No   No   No   No   No   N	Delivered By: (Ci		Observed Temp. *C	30	Sample Cond	1		Turnaround	d Time		Standa	a.	S &	acteria ( ol Inta	only) S	ample Co	ndition Temp. °C	
	Sampler - UPS -	Bus - Other:	Temp.	1.1	No O N	8	(	Thermomete	r ID :	842	54			Yes	Yes	Corrected	d Temp. °C	

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

ô

CHECKED BY: (Initials)

Turnaround Time:

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Corrected Temp. °C

hermometer ID :

FORM-006 R 3.2 10/07/21

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### 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Name of the last	6	FAX (3/3) 393-24/6	4/6				7	
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO			ANALYSIS REQUEST	
Project Manager:	Tracy Hillard	Q		P.O. #:				
Address: 3122 N	Address: 3122 National Parks Hwy			Company: XTO Energy Inc	gy Inc			
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown		_	_	
Phone #: 515	957 3906	Fax #:		Address: 3104 E Green St	en St			
Project #: 03C 1558	1258 262	Project Owner: XTO	r: XTO	City: Carlsbad		_	_	
Project Name: PLU C2	LU CZ Recycle	Facility	- Sp:115	State: NM Zip: 88220	20	_		
Project Location:	32.14	-	1066	Phone #:				
Sampler Name:	Joshwa Boxley	A.		Fax #:				
FOR LAB USE ONLY		,	MATRIX	ESERV.	SAMPLING			
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	TPH BTEX		
11	25057	0.5	1	y X	=	X		
12	65034	0.5		7				
3	18087	8			1335			
14	83053	W			athi			
15	68053	N		-	1345			
16	51M5	6-6		52.01.h	1350			
17	E5040	- 2		71.17				
00	170	0-7	2	K.] .+	_			
	LI MY	0,1	2	1 4.11.25	1321	NAN		
EASE NOTE: Liability and alyses. All claims including rovice. In no event shall Card litates or successors arising	isbility and Dameges. Cardinal's liability and clie s including those for negligence and any other nt shall Cardinal be liable for incidental or consecutive and out of or related to the performance	nf's exclusive remedy for a rause whatsoever shall be quertal damages, including of services hereunder by C	y claim arising whether based in contract yearned walved unless made in writing ar without limitation, business interruptions, ardinal, regardless of whether such claim	LEASE NOTE: Liability and Damagas. Cardinar's liability and client's availuable remedy for any claim arising whether based in contract or but, shall be limited to the amount paid by the client for the talyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable profes. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subadiaries, figures 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 reasons or otherwise.	id by the client for the er completion of the appli client, its subsidiaries, sasons or otherwise.	icable		Jes
and the second	1)	Time: 740	Received By	Maker	Verbal Result: All Results are T Hillard	☐ Yes ☐ emailed. Pleas @ensolum.co	Verbal Result: ☐ Yes ☐ No │Add'i Phone #: All Results are emailed. Please provide Email address: ☐ │	nsolum.com
lelinquişhed By:		Date:	Received By:	The state of the s	REMARKS:	REMARKS: Incident: WAPP 2428555252		
Polinared But (City					Cost Center: 20014011001	lastophor	CAFCM: 4865000-50:115	



April 17, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/15/25 14:07.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/15/2025 Reported: 04/17/2025

PLU C2 RECYCLE FACILITY 03C1558563 ( SPILLS )

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/14/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 092 1' (H252232-01)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/16/2025	ND	2.11	105	2.00	0.00398	
Toluene*	<0.050	0.050	04/16/2025	ND	2.13	107	2.00	0.477	
Ethylbenzene*	<0.050	0.050	04/16/2025	ND	2.07	104	2.00	1.29	
Total Xylenes*	<0.150	0.150	04/16/2025	ND	6.12	102	6.00	0.984	
Total BTEX	<0.300	0.300	04/16/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	197	98.5	200	2.31	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	186	92.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	3						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(575) 393-2326 FAX (575) 393-2476	AX (575) 393-24	176			
Company Name: Ensolum, LLC	nsolum, LLC			BILL TO	ANALYSIS REQUEST	REQUEST
Project Manager:	Tracy Hillard	à		P.O. #:		
Address: 3122 National Parks Hwy	tional Parks Hwy			Company: XTO Energy Inc	Inc	
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown		
Phone #: 515	957 3906	Fax #:		Address: 3104 E Green St	St	
Project #: 03C 1558	1258 262	Project Owner: XTO	r: XTO	City: Carlsbad		
Project Name: PLU C2	U CZ Recycle	facility -	\$0:115	State: NM Zip: 88220		
Project Location:	32.14	-	990	Phone #:		
Sampler Name:		ley		Fax #:		
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	LING	
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorides TPH BTEX	
1	26092	-	1	52.41.h X	X	
						<u></u>
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Card	Damages. Cardinal's liability and those for negligence and any of linal be liable for incidental or co	client's exclusive remedy for her cause whatsoever shall be rasequental damages, includir	any claim arising whether based in contra deemed walved unless made in writing a g without limitation, business interruptions	ardi	by the client for the completion of the applicable ent, its subsidiaries,	
Relinquished By:	ng out of or realed to the periorna	Time:40.7	Received By:	allabar	Verbal Result:       □ Yes       □ No       Add'I Phone #:         All Results are emailed.       Please provide Email address:         TH;    ovo       @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com	ss: m.com, KThomason@ensolum.co
Relinquished By:		Date:	Received By:		CN: E	000-50:115
Delivered By: (Circle One)		Observed Temp. °C	1.3 Sample Cool	CHECKED BY: (lpitials)	Handard	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:		Corrected Temp. *C	1.6 Tyes	18	Thermometer ID : #/ T SC No No No	No Corrected Temp. °C



April 22, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/17/2025 Reported: 04/22/2025

PLU C2 RECYCLE FACILITY

Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/16/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 093 3 (H252313-01)

Project Name:

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	QM-07
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	95.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.2	% 40.6-15	3						

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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: 04/16/2025

Reported: 04/22/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 094 3 (H252313-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	95.4	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	87.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/17/2025 Reported:

04/22/2025 Sampling Type:

Project Name: PLU C2 RECYCLE FACILITY Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/16/2025

Soil Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

### Sample ID: FS 095 3 (H252313-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	95.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

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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: 04/16/2025

Reported: 04/22/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 096 3 (H252313-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a 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	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	98.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.9	% 40.6-15	3						

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04/16/2025

Soil

### Analytical Results For:

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

Received: 04/17/2025 Sampling Date: Reported: 04/22/2025 Sampling Type:

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558563 - SPILLS Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 15 0-3 (H252313-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/17/2025 Reported: 04/22/2025

04/22/2025 PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FAR Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/16/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: SW 16 0-3 (H252313-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	98.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	90.9	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 04/17/2025 Reported:

Sampling Date: 04/16/2025 04/22/2025 Sampling Type: Sampling Condition:

Project Name: PLU C2 RECYCLE FACILITY Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066 Soil

Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: SW 17 0-3 (H252313-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	96.2	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	87.9	% 40.6-15	3						

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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 Reported: 04/22/2025

Project Name: PLU C2 RECYCLE FACILITY Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/16/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: SW 18 0-3 (H252313-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	< 0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

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04/16/2025

### Analytical Results For:

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

Received: 04/17/2025

Reported: 04/22/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Coo

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Applyzod By: 14

Sampling Date:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 19 0-3 (H252313-09)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
<0.300	0.300	04/21/2025	ND					
126 %	% 71.5-13	4						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	04/21/2025	ND	416	104	400	3.77	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
<10.0	10.0	04/21/2025	ND					
91.4	% 44.4-14	5						
82.8	% 40.6-15	3						
-	<0.050 <0.050 <0.050 <0.150 <0.300  126 9  mg/  Result 80.0  mg/  Result <10.0 <10.0 <91.4 9	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 126 % 71.5-13 mg/kg Result Reporting Limit 80.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <1	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey D. Keine



### Analytical Results For:

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

Received: 04/17/2025 Reported:

04/22/2025 PLU C2 RECYCLE FACILITY

Project Name: Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066 Sampling Date: 04/16/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: SW 20 0-3 (H252313-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2025	ND	1.87	93.6	2.00	0.441	
Toluene*	<0.050	0.050	04/21/2025	ND	1.95	97.5	2.00	3.26	
Ethylbenzene*	<0.050	0.050	04/21/2025	ND	1.91	95.3	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/21/2025	ND	6.21	103	6.00	2.15	
Total BTEX	<0.300	0.300	04/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2025	ND	226	113	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/21/2025	ND	214	107	200	0.0939	
EXT DRO >C28-C36	<10.0	10.0	04/21/2025	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.5	% 40.6-15	3						

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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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Celeg D. Freene

FORM-006 R 3.2 10/07/21

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

## 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	2	FAX (3/3) 393-24/0	100			AMAI	יסוס מבטוובט	4
Company Name: Ensolum, LLC	Ensolum, LLC			BILL 10		AIVAL	ANALISIS NEGOESI	-
Project Manager:	Tracy Hillard	ind		P.O. #:				
Address: 3122 N	Address: 3122 National Parks Hwy			Company: XTO Energy Inc	/ Inc			
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown				
Phone #: 515	957 3906	Fax #:		Address: 3104 E Green	n St			
Project #: 03C	1928 892	Project Owner: XTO	r: XTO	City: Carlsbad			_	
		facility	- Spills	State: NM Zip: 88220	0		_	
Project Location		-103.84	990	Phone #:				
Sampler Name:	Joshua Boxley	12		1			_	
FOR LAB USE ONLY		,	MP. MATRIX	PRESERV. SAM	SAMPLING			
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorides TPH	BTEX		
_	50013	8	1 X	X1.41.16.25	0825 XX	X		
<i>y</i> -	1209H	_		_	0830			
الر	25095	-			0925			
4	78052	W			04.60			
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PLEASE NOTE: Liability and Dama analyses. All claims including those service. In no event shall Cardinal b	SW 10 d Damages. Cardinal's liability and ng those for negligence and any off ardinal be liable for incidental or co	0 - 3  Id client's exclusive remedy for other cause whatsoever shall but onsequental damages, including the consequental damages.	any claim arising whether based in control deemed waived unless made in writing or without firmitation, business interruption	1/1 Syst 2P 0-3 C   1   1   1   1   1   1   1   1   1	0455 aid by the client for the ser completion of the applicable client, its subsidiaries,	Ž		
Relinquished By:	ra out of or related to the perior.	Date: 7-28	Received By:	Maker	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: TH;\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	es ☐ No Add'l Phone #: I. Please provide Email addre: lum.com, TMorrissey@ensolu	hone #: iil address: @ensolum.com, KT	☐ Yes ☐ No ☐ Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
Relinquished By:	5	Date:	Received By:		REMARKS: Incident: WAPP 2428565252 Cost Center: 20040[100]	ACW ACIE	AFE: EM. 2025, 15886	0:11/5
Delivered By: (Circle One)	ircle One)	Observed Temp. *C	Cool Intact	OHECKED BY:	Turnaround Time: Standard	MI	(A)	ample Condition Observed Temp. °C
Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp. "CA	4	S S S	Thermometer ID: #/4	- 3	No No Co	Corrected Temp. °C



April 23, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/21/25 11:35.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/21/2025 Reported: 04/23/2025

PLU C2 RECYCLE FACILITY 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/17/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: SS 01 0.5' (H252356-01)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.9	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/17/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SS 02 0.5' (H252356-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/17/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SS 03 0.5' (H252356-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/21/2025 Reported: 04/23/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 ( SPILLS )

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/17/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: SS 04 0.5' (H252356-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	86.9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	84.7	% 40.6-15	3						

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Celey D. Keene



04/17/2025

Tamara Oldaker

### Analytical Results For:

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

Received: 04/21/2025 Reported: 04/23/2025

04/23/2025 Sampling Type: Soil
PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SS 05 0.5' (H252356-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	81.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

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Celey D. Keene



04/17/2025

### Analytical Results For:

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

Received: 04/21/2025 Sampling Date:

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: SS 06 0.5' (H252356-06)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.3	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/17/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SS 07 0.5' (H252356-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.2	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/17/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 097 1' (H252356-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.11	105	2.00	1.48	
Toluene*	<0.050	0.050	04/22/2025	ND	2.04	102	2.00	2.12	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.16	108	2.00	1.04	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	6.55	109	6.00	0.989	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.3	% 40.6-15	3						

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Celey & Keene



### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/17/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 098 1' (H252356-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.11	105	2.00	1.48	
Toluene*	<0.050	0.050	04/22/2025	ND	2.04	102	2.00	2.12	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.16	108	2.00	1.04	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	6.55	109	6.00	0.989	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/17/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 099 1' (H252356-10)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.11	105	2.00	1.48	
Toluene*	<0.050	0.050	04/22/2025	ND	2.04	102	2.00	2.12	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.16	108	2.00	1.04	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	6.55	109	6.00	0.989	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	204	102	200	0.0657	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	192	95.9	200	0.772	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.1	% 40.6-15	3						

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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  $6^{\circ}\text{C}$ 

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

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Celeg D. Freene

Sampler - UPS -

FORM-006 R 3.2 10/07/21

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

### 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

									1	-
Company Name: Ensolum, LLC	TAX (010) 000 2710		BILL TO		П			ANALY	ANALYSIS REQUEST	ST
Project Manager: Tracy Hill	Hillard	9	P.O. #:							
arks		O	Company: XTO Energy Inc	gy Inc	_	_			_	
City: Carlsbad	State: NM	Zip: 88220 A	Attn: Colton Brown			_	_		_	
Phone #: 515 937 3906	Fax #:	A	Address: 3104 E Green St	en St	_	_	_		_	
Project #: 03C 1558 565	Project Owner: XTO		City: Carlsbad		_	_	_	_	_	
me: PLU CZ	cle facility - Spills		State: NM Zip: 88220	220	_	_	_	_		
	-		Phone #:							
Joshwa	4		1		_	_	_	_		
		MATRIX	PRESERV. SA	SAMPLING			_			
Lab I.D. Sample I.D.	(feet) (G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	E TIME	Chlorides	TPH	BTEX			
Last Across	0.5 0	×		0810	X	X	X			
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				2280						
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6 6506	_			25,80						
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66053 11	1 C	c laim arising whether based in contract or	in contract or tort, shall be miled to the amount pr	amount paid by the client for the	* 2	1	Ź	-		
analyses. All claims including those for nogligence and any other cause whatsoever shall be deemed waived unless made in writing and received by claims writing out one and by claims writing as substitute of the substitute of the substitute of the substitute.  Service, in no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incrured by client, its substitute, service, in no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits above stated executions.	ny other cause whatsoever shall be deem or consequental damages, including with	cause whatsoever shall be deemed waived unless made in writing and nocehed by claritat wittin 30 caps area composed in the caps are composed to cause whatsoever shall be deemed waived unless made in writing and nocehed by clarit, its substitutions experted damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions experted that makes the composition of the caps are compositions of the caps are caps.	writing and received by Cardinal within 30 day ruptions, loss of use, or loss of profits incurre ruptions, loss of use, or loss of profits incurre	s alter completion or and by client, its subsidiaria led reasons or otherwise	S S					
Relinquished By:	25-18	Received By:	11111	Verbal Result:   Yes   NO Add rivione #:  All Results are emailed. Please provide Email address:  All Results are emailed. Please provide Email address:  All Results are emailed. Please provide Email address:	are en	nailed. F	Please pro	ovide Email addre	l address: ensolum.com, h	☐ Yes ☐ NO Add Frione #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
artis	138	Mellen	What of	1 [111100.					1	
Relinquished By:	Date: A	Received By:		Incident: NAP 2428555252 Cost Center: 2,00401 (100)	AP 24	401100	5252	OFCN:	AFE: EM. 2005, 15686	5.ll's
Delivered By: (Circle One)	Observed Temp. *C	Sample Condition	C		d Time		Standard	<b>X</b> D	Bacteria (only) Sa Cool Intact	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C Q. 9	9 Hyes Hyes	1	Thermometer ID: #	er ID : 7	01	04		☐ Nc ☐ No	Corrected Temp. °C



April 24, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/22/25 13:53.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/22/2025 Reported: 04/24/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 100 3 (H252394-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/23/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	89.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.8	% 40.6-15	3						

A ..... I ..... . J D. ... 711

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Celey D. Keene



### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 101 3 (H252394-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/23/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 102 3 (H252394-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/23/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	85.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 - SPILLS Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 103 3 (H252394-04)

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	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 104 3 (H252394-05)

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	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	87.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 105 3 (H252394-06)

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	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 106 3 (H252394-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2 % 71.5-13		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 - SPILLS Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 107 3 (H252394-08)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Sampling Date: 04/21/2025

Reported: 04/24/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 03C1558563 - SPILLS Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 108 3 (H252394-09)

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	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/22/2025 Reported: 04/24/2025

04/24/2025 PLU C2 RECYCLE FACILITY

Project Name: PLU C2 RECYCLE FAR Project Number: 03C1558563 - SPILLS

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: SW 21 0-3 (H252394-10)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2025	ND	1.99	99.5	2.00	3.04	
Toluene*	<0.050	0.050	04/23/2025	ND	2.03	101	2.00	3.90	
Ethylbenzene*	<0.050	0.050	04/23/2025	ND	1.99	99.4	2.00	4.37	
Total Xylenes*	<0.150	0.150	04/23/2025	ND	5.83	97.2	6.00	4.49	
Total BTEX	<0.300	0.300	04/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 % 71.5-13		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2025	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	04/23/2025	ND	206	103	200	0.0403	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	206	103	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

Analyzed By: 14

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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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Celeg D. Keene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ompany Name:	ompany Name: Ensolum, LLC			BILL TO		ANALYSIS REQUEST
roject Manager:	racy	Hillard		P.O. #:		
dress: 3122 N	ddress: 3122 National Parks Hwy			Company: XTO Energy Inc	/ Inc	
ity: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown		
hone #: 515	957 3906	Fax #:		Address: 3104 E Green St	n St	_
roject #: 03C	C 1528 8251 3	Project Owner: XTO	er: XTO	City: Carlsbad		
roject Name: PLU C2	LU CZ Recycle	Facility	- Spills	State: NM Zip: 88220	0	
oject Location	- 1	-103.84·	7066	Phone #:		
ampler Name:	Joshua Boxley	3		Fax #:		
FOR LAB USE ONLY		,	MATRIX	PRESERV.	SAMPLING	
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: JCE/COOL OTHER:	Chlorides TPH BTEX	
_	F5100	3	1 X	×	1200 XXX	
2	[810]	ý	_	\ \ \	1205	
CN	F5102				1210	
4	F5105				1215	
S	FSION				1225	
6	50153				1250	
7	F5106				1235	
00	F5107	_			[240	
9	FSIOS	3		,	1255	
10		0-3	0   1	H:21.25	1500 8 1	
EASE NOTE: Liability and Dan alyses. All claims including thos rvice. In no event shall Cardinal rvice.	d Damages. Cardinal's liability and ig those for negligence and any oth irdinal be liable for incidental or cor or out of or related to the performant.	nd client's exclusive remedy for other cause whatsoever shall be consequental damages, including spaces of services berearder by	rany claim arising whether based in co e deemed waked unless made in writi- ing without limitation, business interrupt / Cardinal repartiless of whether such	EASE HOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lont, shall blakmad to the amount paid by the client for the algreet. All claims including those for negligence and any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within 30 days affect completion of the applicable algreet. All cardinals be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profess incured by client, its substitutions.  It is no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profess incured by client, its substitutions are consequently and the profession of the above stated reasons or otherwise.	d by the client for the or completion of the applicable client, its subsidiaries, asons or otherwise.	
elinquished By:	ed By:	Date: 22-25		Make	Result:	☐ Yes ☐ No Ādd'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
elinquished By:	7	Date:	Received By:	The way	REMARKS: 1428565252	52 AFE: EW. 2025, 15886
		Time:			Cost Center: 20040 1001	CFCM: 4865000-50:11/5
Delivered By: (Circle One)	ircle One)	Observed Temp. °C	Sample Condition Cool Intact		Turnaround Time: Standard	Bacteria (only) Sample Condition Cool Infact Observed Temp. °C
ampier - UPS - Bus - Other:	Bus - Other:	Corrected lemp.		8	THE HOLLEGE ID . +1/4	

FORM-006 R 3.2 10/07/21



April 25, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 13:30.

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

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

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

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/25/2025

PLU C2 RECYCLE FACILITY 03C1558563 ( SPILLS )

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/23/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 128 1' (H252460-01)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

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04/23/2025

Soil

### Analytical Results For:

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

Received: 04/24/2025 Sampling Date:
Reported: 04/25/2025 Sampling Type:

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS ) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 138 1' (H252460-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/25/2025 Sampling Type: Soil Project Name: PLU C2 RECYCLE FACILITY

Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 (SPILLS) Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 139 1' (H252460-03)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.7	% 40.6-15	3						

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Celecy D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 (SPILLS) Tamara Oldaker

XTO 32.1478226, -103.8447066 Project Location:

### Sample ID: FS 140 1' (H252460-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	82.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 (SPILLS) Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 141 1' (H252460-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.3	% 40.6-15	3						

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Celecy D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS ) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 143 1' (H252460-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	83.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS ) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 144 1' (H252460-07)

BTEX 8021B

DIEX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	87.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.2	% 40.6-15.	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 (SPILLS) Tamara Oldaker

XTO 32.1478226, -103.8447066 Project Location:

### Sample ID: FS 145 1' (H252460-08)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.10	105	2.00	1.63	
Toluene*	<0.050	0.050	04/24/2025	ND	2.11	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	2.05	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.03	101	6.00	1.70	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	400	100	400	0.00	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.82	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	191	95.6	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.4	% 40.6-15	3						

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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  $6^{\circ}\text{C}$ 

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

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Celeg D. Freene

Relinquished By:

Date:

Time:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp.

o

Sample Condition

CHECKED BY:

Turnaround Time:
24 W
Thermometer ID:#

(Initials)

FORM-006 R 3.2 10/07/21

Relinquished By:

Received By:

unless made in writing and received by

loss of use, or loss of profits incurred by client, its subsidiaries

@ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com

REMARKS: Incident: NAPP 2428555252

AFE: EW. 2025, 15686

GFCN: 4865000-59:11/5

Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No

Bacteria (only) Sample Condition

Observed Temp. Corrected Temp. °C

Cost Center: 209401100

analyses. All claims including those for

service. In no event shall Cardin PLEASE NOTE: Liability and

### 101 East Marland, Hobbs, NM 88240 aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC Phone #: 515 Address: 3122 National Parks Hwy Project Manager: Project #: 03C Project Name: PLV C2 Sampler Name: Project Location: FOR LAB USE ONLY Lab I.D. (575) 393-2326 FAX (575) 393-2476 957 3906 racy 9251 Sample I.D. 32.1478226 55138 65157 25128 123 OHI S3 100 my Soc 5415J 5H5 ととな 563 Recycle Hillard Box ey tacility Fax #: Project Owner: XTO State: Depth 103.8447066 (feet) Z Sp:115 Zip: 88220 (G)RAB OR (C)OMP 0 # CONTAINERS GROUNDWATER WASTEWATER MATRIX SOIL OIL SLUDGE P.O. #: Company: XTO Energy Inc State: NM City: Carlsbad Address: 3104 E Green St Attn: Colton Brown OTHER Fax #: Phone #: PRESERV ACID/BASE ICE / COOL baJimited to the amount paid by the client for the Cardinal within 30 days after completion of the st OTHER Zip: 88220 4.23.75 23.25 0955 DATE 70 SAMPLING ori 105 1228 1245 1250 1255 1230 TIME etion of the app Chlorides TPH BTEX ANALYSIS REQUES de

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Cool Intact

A Yes

No No



April 28, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 13:30.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/28/2025

04/28/2025 PLU C2 RECYCLE FACILITY 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/23/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 126 3' (H252462-01)

Project Name:

Project Number:

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 127 3' (H252462-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	< 0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 24 0-3' (H252462-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	80.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 129 3' (H252462-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	87.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.9	% 40.6-15	3						

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04/23/2025

### Analytical Results For:

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

Received: 04/24/2025 Sampling Date:

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 130 3' (H252462-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 131 3' (H252462-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 132 3' (H252462-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	86.1	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	83.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 133 3' (H252462-08)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.6	% 40.6-15	3						

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Celey D. Keene



04/23/2025

Cool & Intact

Tamara Oldaker

Soil

### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/28/2025

04/24/2025 Sampling Date:
04/28/2025 Sampling Type:
PLU C2 RECYCLE FACILITY Sampling Condition:

Sample Received By:

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 134 3' (H252462-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	1.24	
Toluene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.28	105	6.00	1.99	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	80.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.8								

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 135 3' (H252462-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	04/25/2025	ND	2.28	114	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.39	119	2.00	5.10	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.22	120	6.00	5.60	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 136 3' (H252462-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	04/25/2025	ND	2.28	114	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.39	119	2.00	5.10	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.22	120	6.00	5.60	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 137 3' (H252462-12)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	04/25/2025	ND	2.28	114	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.39	119	2.00	5.10	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.22	120	6.00	5.60	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/25/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.8	200	5.13	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.3	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	62.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	61.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/23/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 33 0-3' (H252462-13)

RTFY 8021R

Analyzed 4/25/2025 4/25/2025	Method Blank  ND  ND	BS 2.13	% Recovery	True Value QC	RPD	Qualifier
		2.13	107			
4/25/2025	ND		107	2.00	0.0751	
	ND	2.15	108	2.00	0.0821	
4/25/2025	ND	2.10	105	2.00	0.343	
4/25/2025	ND	6.16	103	6.00	0.406	
4/25/2025	ND					
Analyzed	i By: AC					
Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
4/25/2025	ND	432	108	400	7.69	
Analyzed	i By: MS					
Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
4/25/2025	ND	198	98.8	200	1.88	
4/25/2025	ND	183	91.6	200	0.348	
4/25/2025	ND					
4	Analyzed 1/25/2025 1/25/2025	H/25/2025 ND	Analyzed Method Blank BS 4/25/2025 ND 198 4/25/2025 ND 183	Analyzed Method Blank BS % Recovery 4/25/2025 ND 198 98.8 4/25/2025 ND 183 91.6	Analyzed Method Blank BS % Recovery True Value QC 4/25/2025 ND 198 98.8 200 4/25/2025 ND 183 91.6 200	Analyzed Method Blank BS % Recovery True Value QC RPD 4/25/2025 ND 198 98.8 200 1.88 4/25/2025 ND 183 91.6 200 0.348

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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.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

FORM-006 R 3.2 10/07/21

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

## 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 F	FAX (575) 393-2476	176				ı	ı	ı	1	ı	ı	ı	ı			l	l	١	١			5		31	1		1						_
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ject Manager:	Tracy Hillard	d								9	P.O. #:	*											_											
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OR LAB USE ONLY		,	ΛP.				MATRIX	표	×		7	뀨	PRESERV	1	SAMPLING	G																		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:		ACID/BASE:	ICE / COOL P	OTHER:	DATE	TIME	Chlorides	TPH	BTEX								_			1				
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elinquished By:	34:	Date:	D	Received By:	ive	В	*				1	4			1	REMARKS: Incident: NAPP 2428555 252 Cost Center: 20040[100]	P. S.	24285	1001	57	CFCM: 4865,000-50:1/5	N: 4	2 2	2 2	989	0	8	3						
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FORM-006 R 3.2 10/07/21

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

### 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	X (575) 393-2476			
Company Name: Ensolum, LLC		BILL TO	ANALYSIS	SIS REQUEST
Project Manager: Tracy Hillard	0	P.O. #:		
7		Company: XTO Energy Inc		
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown		
Phone #: 515 957 3906	Fax #:	Address: 3104 E Green St		
250	Project Owner: XTO	City: Carlsbad		
V C2		State: NM Zip: 88220		
		Phone #:		
	7	Fax #:		
$\neg$	MATRIX	PRESERV. SAMPLING	6	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		Chlorides TPH BTEX	
17 F5136		X 4.23.25 1	X X X X   X   N   N   N   N   N   N	
52 mg 61	Q-7 C11 X	× 4,23.26 11		
				507
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Relinquished By:	Date: 24 45 Received By:	the Milder	E :	☐ Yes ☐ No Add'i Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
Relinquished By:	Date: Received By: Time:	In Co.	011001 CHCW: EM	OFCN: 4865000-50:1/5
Delivered By: (Circle One) Observed By: (Cir	served Temp. 'C / Sample Co Cool Info Pres Temp. 'C / No	CHECKED BY:	Turnaround Time: Standard H	Bacteria (only) sample condition  Cool Intact Observed Temp. °C  Yes Yes  No No Corrected Temp. °C



April 28, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 13:30.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/28/2025

PLU C2 RECYCLE FACILITY 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/22/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 119 1' (H252465-01)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	0.0751	
Toluene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.0821	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.10	105	2.00	0.343	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.16	103	6.00	0.406	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/25/2025	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	04/25/2025	ND	198	98.8	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	183	91.6	200	0.348	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	97.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.3	% 40.6-15	3						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 120 3' (H252465-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	0.0751	
Toluene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.0821	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.10	105	2.00	0.343	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.16	103	6.00	0.406	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-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	04/25/2025	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	04/25/2025	ND	198	98.8	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	183	91.6	200	0.348	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.5	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 121 3' (H252465-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.13	107	2.00	0.0751	
Toluene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.0821	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.10	105	2.00	0.343	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.16	103	6.00	0.406	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	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	04/25/2025	ND	201	101	200	1.33	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	190	94.9	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.0	% 40.6-15	3						

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Celey & Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 122 3' (H252465-04)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2025	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	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.6	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/28/2025

04/28/2025 PLU C2 RECYCLE FACILITY

03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/22/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: FS 123 3' (H252465-05)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	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	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 124 3' (H252465-06)

RTFY 8021R

Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 04/25/2025	Method Blank	BS 2.26	% Recovery	True Value QC	RPD	Qualifier
<0.050			ND	2 26	445			
	0.050	04/25/2025		2.20	113	2.00	0.545	
< 0.050		04/25/2025	ND	2.22	111	2.00	0.449	
	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
<0.300	0.300	04/25/2025	ND					
123	% 71.5-13	4						
mg,	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
96.0	16.0	04/25/2025	ND	448	112	400	0.00	
mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
<10.0	10.0	04/25/2025	ND					
97.2	% 44.4-14	5						
101	% 40.6-15	3						
	<0.150 <0.300  123 9  mg/  Result  96.0  mg/  Result <10.0 <10.0 <10.0	<0.050 0.050 <0.150 0.150 <0.300 0.300  123	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey & Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 (SPILLS) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 125 3' (H252465-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
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	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	97.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	2% 40.6-15	3						

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Celey D. Keene



04/22/2025

Soil

### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: Reported: 04/28/2025 Sampling Type:

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 25 0-1' (H252465-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
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	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	75.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	76.1	% 40.6-15	3						

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Celey D. Keine



04/22/2025

Soil

### Analytical Results For:

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

Received: 04/24/2025 Sampling Date:
Reported: 04/28/2025 Sampling Type:

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 22 0-1' (H252465-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	95.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/28/2025

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 ( SPILLS )

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/22/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: SW 23 0-1' (H252465-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 71.5-13	4						
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	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	82.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 109 1' (H252465-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 110 1' (H252465-12)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 111 1' (H252465-13)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	97.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558563 (SPILLS) Sample Received By:

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 112 1' (H252465-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
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	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 113 1' (H252465-15)

RTFY 8021R

Result	Reporting Limit	Analyzed						
		Analyzeu	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
<0.300	0.300	04/25/2025	ND					
126	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	04/25/2025	ND	448	112	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
<10.0	10.0	04/25/2025	ND					
88.9	% 44.4-14	5						
91.3	% 40.6-15	3						
	<0.050 <0.150 <0.300  126 9  Result  32.0  mg/  Result <10.0 <10.0 <88.9	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  126	County   County	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 114 1' (H252465-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-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	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	94.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 115 1' (H252465-17)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/25/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 116 1' (H252465-18)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.6	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 117 1' (H252465-19)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	99.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/22/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Tamara Oldaker

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 118 1' (H252465-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.26	113	2.00	0.545	
Toluene*	<0.050	0.050	04/25/2025	ND	2.22	111	2.00	0.449	
Ethylbenzene*	< 0.050	0.050	04/25/2025	ND	2.34	117	2.00	0.782	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.58	110	6.00	1.03	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	132 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	194	96.9	200	4.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	175	87.6	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	89.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.8	% 40.6-15	3						

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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

FORM-006 R 3.2 10/07/21

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(5/5) 393-2326	FAX (3/3) 393-24/0	o			אוואי עסוס סבטווב	101
Company Name: Ensolum, LLC			BILL TO		AINALTSIS NEGOCO	
Project Manager: Tracy Hill	Hillard		P.O. #:			
Address: 3122 National Parks Hwy	У		Company: XTO Energy Inc	Inc		_
City: Carlsbad	State: NM	Zip: 88220	Attn: Colton Brown			
Phone #: 515 957 3906	Fax #:		Address: 3104 E Green St	St		
251 250	Project Owner: XTO	хто	City: Carlsbad			
me: PLU CZ	cle facility	- Spills	State: NM Zip: 88220			
	-	66	Phone #:			
Joshwa	Boxley		1			
	,	MATRIX	PRESERV. SAMPLING	LING		
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorides TPH BTEX		
61154	<u></u>	CIX	× 4.22.25	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
Z F5/20	~		,	241		
3 ES121	-			1150		
4 FS122				185		
5 F5123				1720		
6 F5124	-			1225		
	3			12%		
52MS 8	0-1			12.35		
	01		2	010		
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The indicate of successors arising out of or related to the performance of services hereunder by Cardinal, regardless of wheelther such claim is based upon any of the above stated rescors or offerwise.    Received By:	Ormance of services hereunder by Communication Communicati	Received By:	so of wheelher such claim is based upon any of the above stated in d By.	# IT:	☐ Yes ☐ No Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.c	(Thomason@ensolum.co
Relinquished By:	Date: Time:	Received By:		REMARKS: Incident: WAPP 14785555252 Cost Center: 20440[10]	FCM: E	6.11/5
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. *C	Sample Condition Cool Intact Yes Yes	tion CHECKED BY: (Initials)	Turnaround Time: Standard H & hr Thermometer ID: #14	Bacteria (only) S Cool Intact Yes Yes	iample Condition Observed Temp. °C

FORM-006 R 3.2 10/07/21

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

### CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 42

Project Manager: Tracy	Tracy Hi	lard		P.O.#:		A	ANALTSIS REQUEST
Address: 3122 National Parks Hwy	ational Parks Hwy			Company: XTO Energy Inc	y Inc		
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown			_
Phone #: 515	957 3906	Fax #:		Address: 3104 E Green St	n St		
Project #: 03C	155	Project Owner: XTO	r: XTO	City: Carlsbad			
Project Name: PLU	C2	e facility	- Spills	State: NM Zip: 88220	0		_
Project Location:	2.14	-103.84	7066	Phone #:			
Sampler Name:	Joshua Boxley	100		Fax #:			
FOR LAB USE ONLY		,	MATRIX	PRESERV.	SAMPLING		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: JCE/COOL OTHER:	Chlorides	BTEX	
11	F5109	-	1	Y,	0	X	
12	FS110	7	_	\ -	0835		
13	F\$111				0840		
14	F5112				2480		
15	F5113				0900		
16	H183				2060		
17	5115				18		
18	F5166				105		
1	11154	- <	-	7	-	7	
PLEASE NOTE: Liability and Dam analyses. All claims including thos	Damages. Cardinal's liability ar those for negligence and any o	d client's exclusive remedy for the cause whatsoever shall be	Cardinal's liability and client's exclusive remedy for any claim arising whether based in continuing light of the continuing and client's exclusive remedy for any claim arising whether based in continuing light on the cause whatboover shall be deemed waived unless made in writing ing	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lort, shall be demind to the amount paid by the client for the 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 30 days after completion of the applicable	unt paid by the client for the sys after completion of the applicable	Ž	
Relinquished By:	By:	Time 52	Received By:	11 10 MA 1 MAG HA	All Results are email  T月;∥avd @en	☐ Yes ☐ No Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.	☐ Yes ☐ No ☐ Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
Relinquished By:		Date:	Received By:	a runge so	REMARKS: Incident: WAPP 2428555252 Cost Center: 20040[100]	0 4	SFCN: 4865000-50:1/s
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	cle One) us - Other:	Observed Temp. *C	Sample Cool In Pres	ondition CHECKED BY: tact (Initials) Yes	Turnaround Time:	me: Standard    Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C    Yes   Yes   Yes     Yes



April 28, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 15:36.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/28/2025

PLU C2 RECYCLE FACILITY 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/24/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: FS 149 1' (H252488-01)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.9	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 150 1' (H252488-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 151 1' (H252488-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 152 1' (H252488-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 153 1' (H252488-05)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	95.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 154 1' (H252488-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 26 0-3' (H252488-07)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/28/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 32 0-3' (H252488-08)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.16	108	2.00	3.56	
Toluene*	<0.050	0.050	04/25/2025	ND	1.97	98.7	2.00	0.872	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.92	95.8	2.00	2.03	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.88	98.1	6.00	2.63	
Total BTEX	<0.300	0.300	04/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	189	94.6	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	95.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.9	% 40.6-15	3						

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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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Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Tamp. °C

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)

Thermometer ID: # 140 Turnaround Time:

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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



## CHAIN-OF-CUS

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Company Name	Company Name: Ensolum, LLC		-					RI	BILL TO					Ą	ANALYSIS	SISA		REQUEST	ES	7				_
Project Manager:	"Tracy Hillard	0				P.O. #:	#						$\Box$	4	_			$\dashv$	$\dashv$	4		$\exists$	$\dashv$	_
Address: 3122 I	arks					Com	pany	Y: XT	Company: XTO Energy Inc	nc									_					
City: Carlsbad		State: NM	Zip	88	Zip: 88220	Attn:	Col	ton	Attn: Colton Brown										_					
Phone #: 515	957 3906	Fax #:				Addr	SS9	310	Address: 3104 E Green St	St									_				_	
Project #: 03C	595 8251 J	Project Owner: XTO	X	0		City:	Car	City: Carlsbad	ď					_					_	_			_	
Project Name: PLU C2	PLU CZ Recycle	Facility -	5/11:92	5		State: NM	N.		Zip: 88220										_					
Project Location			1966	0,		Phone #:	10 #:																	
Sampler Name:	Joshua Boxley	2 -				Fax #:	#								_				_				_	_
FOR LAB USE ONLY		1		$\neg$	MATRIX	P	PRESERV	RV.	SAMPLING	ING					_				_					
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chlorides	TPH	BTEX											
-,	FS 149		0	1	8				4.24.25	2210	X	X	X											
<b>v</b> -	PS150	-	-						7	2260													-	
W	FS151									0730													-	
2	25153									0732									_					
V-	F5153	4							2	0735														
e	F5154	_								0727									-					
7	5W26	0-3	-	-		+	1		-		2	1	-	-					+				+	
000	28M3	0-3	C	1-5	1	-	9		4.24.25	25.80	8	X	X	-					-				7	
PLEASE NOTE: Liability and	d Damages, Cardinal's liability and d	ent's exclusive remedy for a	ny clair		na whether based in contract or	tort sh	2	miled to	the amount paid b	the client for the								1				2	10	4
PLEASE NOTE: Liability an analyses. All claims includi service. In no event shall C affiliates or successors arisi	PLEASE NOTE: Lability and Damages. Cardinal's lability and clien'ts exclusive remady for any usern arising whether based in contract or tort, shall be building to be cardinal to the amount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within 30 days after completion of the applicable service, in no event shall Cardinal be labile 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 reasons or otherwise.	ent's exclusive remedy for a cause whatsoever shall be equental damages, including s of services herounder by C	deeme g without ardina	d wah	offs exclusive ennedy for any clean arising whether based in contract or tort, shall be unlared to the extract of the clean exhalls be deemed walved unless made in writing and received by Cardinal within 30 yeared adamages, including without limitation, business interruptions, loss of use, or loss of profits not greatly a state of the profits and t	eceived is of use based u	by Car	dinal will as of pro	the amount paid be thin 30 days after of fits incurred by client above stated reason	y the client for the ompletion of the a nt, its subsidiaries ons or otherwise.	applicabl	-												
Relinquished By			70	Ce	Received By:					Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: THillord @ensolum.com, TMorrissey@ensolum.	are en	☐ Yes nailed. F gensolur	☐ Yes ☐ No ☐ Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com	provide TMorris	Add'I Phone #: ide Email addre prrissey@ensolu	hone Il add Benso	ress:	com,	KTho	maso	n@er	nsolu	m.co	3
Relinquished By:	γ:	Date:	Z	Cel	Received By:					REMARKS: Incident: MAPP 2428555 Cost Center: 20040[100]	700	401100	25255		AFE: EM. 2025, 15686	3984	200	9 6	13	2				
																1								



April 25, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 15:36.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/25/2025

Reported: 04/25/2025
Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 ( SPILLS )

Project Location: XTO 32.1478226, -103.8447066

Sampling Date: 04/24/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: FS 142 1' (H252489-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					
Surrogate: 1-Chlorooctane	99.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558563 (SPILLS) Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 146 1' (H252489-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.5	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 147 1' (H252489-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	97.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.1	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

ma/ka

### Sample ID: FS 148 1' (H252489-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

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Celey D. Keene



04/24/2025

Cool & Intact

Alyssa Parras

Soil

### Analytical Results For:

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

Received: 04/24/2025 Reported: 04/25/2025

04/24/2025 Sampling Date:
04/25/2025 Sampling Type:
PLU C2 RECYCLE FACILITY Sampling Condition:

Sample Received By:

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563 (SPILLS)

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 155 1' (H252489-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	88.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.7	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1478226, -103.8447066

mg/kg

### Sample ID: FS 156 1' (H252489-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: FS 157 1' (H252489-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.9	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 27 0-1' (H252489-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.2	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact

Project Number: 03C1558563 ( SPILLS ) Sample Received By: Alyssa Parras
Project Location: XTO 32.1478226, -103.8447066

Sample ID: SW 28 0-1' (H252489-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Celey & Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 29 0-1' (H252489-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.9	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 30 0-1' (H252489-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	87.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.3	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 31 0-1' (H252489-12)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050 0.050 0.150 0.300	Analyzed 04/24/2025 04/24/2025 04/24/2025 04/24/2025 04/24/2025	Method Blank  ND  ND  ND  ND  ND  ND  ND	BS 2.15 2.02 1.99 6.19	% Recovery  108  101  99.7  103	True Value QC 2.00 2.00 2.00 2.00 6.00	RPD 5.85 6.56 5.73 6.22	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150 0.300	04/24/2025 04/24/2025 04/24/2025	ND ND ND	2.02 1.99	101 99.7	2.00 2.00	6.56 5.73	
<0.050 <0.150 <0.300	0.050 0.150 0.300	04/24/2025	ND ND	1.99	99.7	2.00	5.73	
<0.150 <0.300	0.150 0.300	04/24/2025	ND					
<0.300	0.300	, ,		6.19	103	6.00	6.22	
		04/24/2025	ND					
108								
	% 71.5-13	4						
mg,	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
256	16.0	04/25/2025	ND	416	104	400	7.41	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
<10.0	10.0	04/25/2025	ND					
97.7	% 44.4-14	5						
98.6	% 40.6-15	3						
	Result 256 mg/ Result <10.0 <10.0 <10.0	mg/kg       Result     Reporting Limit       256     16.0       mg/kg       Result     Reporting Limit       <10.0     10.0       <10.0     10.0       <10.0     10.0       97.7 %     44.4-14	mg/kg       Analyzed         Result       Reporting Limit       Analyzed         256       16.0       04/25/2025         mg/kg       Analyzed         Result       Reporting Limit       Analyzed         <10.0	108 %       71.5-134         mg/ky       Analyzed By: HM         Result       Reporting Limit       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank         <10.0	108 %       71.5-134         mg/ky       Analyzed By: HM         Result       Reporting Limit       Analyzed By: MS         Result       Reporting Limit       Analyzed Method Blank       BS         <10.0	108 % 71.5-134         mg/ky       Analyzed By: HM         Result Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   Analyzed   Method Blank   BS   % Recovery   Method Blank   BS   93.7   Method Blank   Polyzed   Method Blank   BS   Method Blank	108 % 71.5-134         mg/ky       Analyzed By: HM         Result Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC   416   104   400	108 % 71.5-134         mg/kg       Analyzed By: HM         Result Result in mg/kg       Analyzed By: HM         S ND 416 104 400 7.41         mg/kg       Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD         <10.0 10.0 04/25/2025 ND 187 93.7 200 1.64

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### Analytical Results For:

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

Received: 04/24/2025 Sampling Date: 04/24/2025

Reported: 04/25/2025 Sampling Type: Soil
Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 (SPILLS) Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1478226, -103.8447066

### Sample ID: SW 33 0-1' (H252489-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	2.15	108	2.00	5.85	
Toluene*	<0.050	0.050	04/24/2025	ND	2.02	101	2.00	6.56	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.99	99.7	2.00	5.73	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	6.19	103	6.00	6.22	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/25/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	187	93.7	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	180	90.2	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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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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Celeg D. Freene

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Tracy Hill Address: 3122 National Parks Hwy	Hillard		P.O. #:		ANALTOIS REQUEST
Address: 3122 National Parks	S Hwv				
		0	Company: XTO Energy Inc.	Inc	
	State: NM	Zip: 88220 A	Attn: Colton Brown		
457 30	06 Fax#:	A	Address: 3104 E Green St	St	
Project #: 05C 1558 5	567 Project Owner: XTO		City: Carlsbad		
Project Name: PLU C2 R	Recycle Facility - Spills	V	State: NM Zip: 88220		
Project Location: 32.1478226	-103. 84·				
Sampler Name: Joshwa	Boxley		av th		
1000		L	1		
	MP.		PRESERV. SAMPLING	LING	
Lab I.D. Sample I.D.	I.D. (feet)	CONTAINERS COUNDWATER ASTEWATER IL	ID/BASE: E/COOL HER:	hlorides PH TEX	
Zhis4	2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	42475		
				210	
			0	0717	
1212			G	07700	
				05/50	
12183				7007	
8 SW27	0-1			25.00	
87MS	0-1			2302	
PLEASE NOTE: Liability and Damagos, Cardinal's liab	SW 29  Spec. Cardinal's liability and client's exclusive remedy for any claim	anising whether hand in contrast at the	N 4.24.25	OLEO M M M	
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M	Time:	Keceived By:	AV	Verbal Result: ☐ Yes ☐ No All Results are emailed. Please pro ☐ H :   a,r c c c c c c c c c c c c c c c c c c c	☐ Yes ☐ No ☐ Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
reinquisned by:		Received By:	O = R	REMARKS: Incident: NAPP 2428555252 Cost Center: Addition	AFE: EW. 2025, 15686
Sampler - UPS - Bus - Other:	Corrected Temp. C. 4.6	Sample Condition Cool Intact Yes Yes	CHECKED BY: Tu (Initials)	wsh and	Bacteria (only) S Cool Infact See
TORM-000 K 3.2 10/0//21	† Cardinal cannot	t accept verbal changes	s. Please email change	Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com	bsnm.com

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	LLC	BILLTO		-1
Project Manager: Tracy	Hillard	P.O. #:		ANALISIS REGUEST
Address: 3122 National Parks Hwy	rks Hwy	Company: XTO Energy Inc	75	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown		
Phone #: 575 957 30	3906 Fax#:	Address: 3104 E Green St	St	
Project #: 03C  558	565 Project Owner: XTO	City: Carlsbad		
Project Name: PLU C2	Recycle Facility - Spills	State: NM Zip: 88220		
Project Location: 국고, 니니	32.1478226, -103.8447066			
Sampler Name: Joshwol	2 Boxley	Fax #:		
FOR LAB USE ONLY	MATRIX		ING	
Lab I.D. Sample I.D.	Depth GOR (C)OMPTAINERS NDWATER	ASE:		
Pasausa	# CON	OIL SLUDG OTHER ACID/E ICE / C OTHER	Chl TPI BTE	
	0-1 C1 X	X 4,24.25	1035 XXX	
19 MS	X 1-0	X HIHIS	0750 X X X	
13 EM33	X 11.2 11.0		XX	
			,	
LEASE NOTE: Liability and Damages. Cardinal nailyses. All claims including those for negligenc ervice. In no event shall Cardinal be liable for in fiffales or successors arising out of or related to.	PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall bullinitied to the amount paid by the client for the naniyers. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witing 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 interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	contract or fort, shall be limited to the amount paid by string and received by Cardinal within 30 days after con uptions, loss of use, or loss of profits incurred by client.	the client for the applicable to subsidiaries.	
Relinquished By:	Date: Received By:	A harpic awone are to fire tode power	Verbal Result: ☐ Yes ☐ No	Add'l Phone #:
Mall	530	7≥	All Results are emailed. Please provide Email address: T  .   a/c  @ensolum.com, TMorrissey@ensolum.	emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
Neimquisned By:	Date: Received By:	In Co.	REMARKS: Incident: NAPP 2478555252 Cost Center: 7,884611en	AE: EM-2025, 15686
Sampler - UPS - Bus - Other:	Corrected Tamp. C. C. Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard  24 kr Rush Thermometer ID: # 140	d Bacteria (only) Sample Condition Cool Intact Observed Temp. *C
FORM-006 R 3.2 10/07/21	ccept ve	changes. Please email change	s to celey.keene@cardinalla	absnm.com



November 27, 2024

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU C2 RECYCLE FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 11/25/24 11:05.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

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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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 11/25/2024 Reported: 11/27/2024

11/2//2024

Project Name: PLU C2 RECYCLE FACILITY
Project Number: 03C1558563

Project Location: 32.1478226, -103.8447066

Sampling Date: 11/22/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: BH 01 0.5 (H247208-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Project Location: 32.1478226, -103.8447066

### Sample ID: BH 01 1 (H247208-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: 32.1478226, -103.8447066

ma/ka

### Sample ID: BH 02 0.5 (H247208-03)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: 32.1478226, -103.8447066

mg/kg

### Sample ID: BH 02 1 (H247208-04)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: 32.1478226, -103.8447066

ma/ka

### Sample ID: BH 03 0.5 (H247208-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: 32.1478226, -103.8447066

mg/kg

### Sample ID: BH 03 3 (H247208-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 03C1558563

Project Location: 32.1478226, -103.8447066

### Sample ID: BH 04 0.5 (H247208-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: 32.1478226, -103.8447066

mg/kg

### Sample ID: BH 04 2 (H247208-08)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Mile Sough



### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: 32.1478226, -103.8447066

ma/ka

### Sample ID: BH 05 0.5 (H247208-09)

RTFY 8021R

1EX 8021B	mg	/ Kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
enzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
oluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
thylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
otal Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
otal BTEX	<0.300	0.300	11/26/2024	ND					
urrogate: 4-Bromofluorobenzene (Pl	D 96.8	% 71.5-13	4						
hloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/26/2024	ND	448	112	400	3.64	
PH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
PRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
XT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
urrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
'urrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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Mile Sough



### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: 32.1478226, -103.8447066

ma/ka

### Sample ID: BH 05 1 (H247208-10)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050 0.050 0.150 0.300	Analyzed  11/26/2024  11/26/2024  11/26/2024  11/26/2024  11/26/2024	Method Blank  ND  ND  ND  ND  ND	BS 2.03 1.96 1.96 5.84	% Recovery 102 98.1 98.0	True Value QC 2.00 2.00 2.00	RPD 0.0683 0.256 0.161	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150	11/26/2024 11/26/2024 11/26/2024	ND ND	1.96 1.96	98.1 98.0	2.00	0.256	
<0.050 <0.150 <0.300	0.050 0.150	11/26/2024 11/26/2024	ND	1.96	98.0			
<0.150 <0.300	0.150	11/26/2024				2.00	0.161	
<0.300		, ,	ND	5.84				
	0.300	11/26/2024		0.0.	97.4	6.00	0.319	
97.8			ND					
20	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
112	16.0	11/26/2024	ND	448	112	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
<10.0	10.0	11/26/2024	ND					
107	% 48.2-13	4						
	0/2 10 1 11	8						
	Result 112 mg, Result <10.0 <10.0 <10.0	mg/kg  Result Reporting Limit  112 16.0  mg/kg  Result Reporting Limit  <10.0 10.0  <10.0 10.0  <10.0 10.0  <10.0 48.2-13	mg/kg       Analyze         Result       Reporting Limit       Analyzed         112       16.0       11/26/2024         mg/kg       Analyzed         Result       Reporting Limit       Analyzed         <10.0       10.0       11/26/2024         <10.0       10.0       11/26/2024         <10.0       10.0       11/26/2024         <10.0       10.0       11/26/2024	Mag/by       Analyzed Method Blank         112       16.0       11/26/2024       ND         Tanalyzed Blank         Result       Reporting Limit       Analyzed       Method Blank         <10.0	mg/kg       Analyzed By: AC         Result       Reporting Limit       Analyzed       Method Blank       BS         112       16.0       11/26/2024       ND       448         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS         <10.0	mg / kg       Analyzed By: AC         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         112       16.0       11/26/2024       ND       448       112         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         <10.0	mg/kg       Analyzed By: AC         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         112       16.0       11/26/2024       ND       448       112       400         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         <10.0	mg/kg         Analyzed By: AC           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           112         16.0         11/26/2024         ND         448         112         400         3.64           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

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Mile Sough



### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Project Location: 32.1478226, -103.8447066

### Sample ID: BH 06 0.5 (H247208-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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Me Sough



### Analytical Results For:

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

Received: 11/25/2024 Sampling Date: 11/22/2024

Reported: 11/27/2024 Sampling Type: Soil

Project Name: PLU C2 RECYCLE FACILITY Sampling Condition: Cool & Intact
Project Number: 03C1558563 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: 32.1478226, -103.8447066

mg/kg

### Sample ID: BH 06 1 (H247208-12)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/26/2024	ND	2.03	102	2.00	0.0683	
Toluene*	<0.050	0.050	11/26/2024	ND	1.96	98.1	2.00	0.256	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.96	98.0	2.00	0.161	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.84	97.4	6.00	0.319	
Total BTEX	<0.300	0.300	11/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/26/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	204	102	200	1.57	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	180	90.2	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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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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Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

> Observed Temp. °C Time: Date:

CHECKED BY: (Initials)

Standard Rush

Bacteria (only) Sample Condition Cool Intact Observed Temp.

Observed Temp. °C Corrected Temp. °C

14-8-45

All Results are emailed. Please provide Email address:

thillard@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com

Verbal Result:

□ Yes

O No

Add'I Phone #:

REMARKS:

Incident #: nAPP248555252

ó

Relinquished By

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum, LLC			BIL	BILL TO		ANALYSIS REQUEST
Project Manager: Tracy Hillard			P.O. #:			
Address: 3122 National Parks Hwy			Company: X	XTO Energy		
City: Carlsbad	State: NM	Zip: 88220	Attn: Colton Brown	Brown		
Phone #: 575-937-3906	Fax #:		Address: 3104 E.	4 E. Green St.		
Project #: 03C1558563	Project Owner:		City: Carlsbad			
Project Name: PLU C2 Recycle Facility	acility		N	Zip: 88220		
Project Location: 32.1478226, -103.8447066	103.8447066		Phone #: 57!	œ		
Sampler Name: Mario Sarkis			Fax #:		5	
FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING	e	
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	BTEX TPH Chlorid	
1 8401	0.5	<u> </u>	N.		1	
2 BHOI	1		<	Jac III		
	0,5	51 V	<	1141	< < < < < < < < < < < < < < < < < < < <	
4 81103	_	5	<	1143	1	
5 BH03	0,5	51 /		1100	~ ~	
6 81403	8	51	<	ees!	\	
7 BHOH	20	6-		0111	1	
BHOH 8	2	5-	`	1117	\ \ \ \	
9 BHOS	0.5	51	. <	112	/ / /	
10 BHOST	1	51 /	<	V 1124	\	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com ☐ Yes ☐ Yes ☐ No ☐ No

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum, LLC	TC		BILL TO		ANALYSIS REQUEST
Project Manager: Tracy Hillard	lard		P.O. #:		
Address: 3122 National Parks Hwy	ks Hwy		Company: XTO Energy	гду	_
City: Carlsbad	State: NM	Zip: 88220	tor		
Phone #: 575-937-3906	Fax #:		Address: 3104 E. Green St.	en St.	
Project #: 03C1558563	Project Owner:	er:	City: Carlsbad		
Project Name: PLU C2 Re	PLU C2 Recycle Facility		: NM Zip:	88220	
Project Location: 32.1478	32.1478226, -103.8447066		#: 575-988-	90	
Sampler Name: Mario Sarkis	arkis				
		MATRIX	ESERV.	SAMPLING	
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	BTEX TPH Chlorio	
11 8406	0,5	-	7	1136 /	
12 BHO6	-	0-	1 11723/24	1138 111	
analyses. All claims including those for negligence and any other cause whatever thall be deemed washed released in contract or text, asset or emect to the amount pad by the clerk for the 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 rescessors aring out of or related to the performance of services hereunder by Cardinal, regardless or wecessors aring 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 reasons or otherwise.    Delinguish on   Delinguish   Deli	and any offier cause whatsoever shall be idental or consequental damages, including the performance of services hereunder by	e deemed walved unless made in writing and e deemed walved unless made in writing and rig without limitation, business interruptions, I Cardinal, regardless of whether such claim !	correct or fort, axial be smaled to the amount pos- ntling and received by Cardinal within 30 days after uplicins, loss of use, or loss of profits incurred by of th claim is based upon any of the above stated re-	pplicable	
Relinquished By:	Time; 105	Received By	a Walder	Verbal Result:	lerbal Result: ☐ Yes ☐ No Add'I Phone #:  Il Results are emailed. Please provide Email address:  thillard@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:		REMARKS: Incident #: nAPP248555252	18555252
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Temp. "C	200	CHECKED BY:	0)	QO
FURM-000 R 3.2 10/07/21			V -	oc To	78%

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

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APPENDIX E

NMOCD Correspondence

### **Tracy Hillard**

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Thursday, January 2, 2025 2:36 PM

**To:** Brown, Colton S; Dirkx, Kaylan; robert.d.woodall@exxonmobil.com;

ashley.a.mcafee@exxonmobil.com; Smith, Kailee /C; Tacoma Morrissey; Ben Belill; Tracy

Hillard

Subject: RE: [EXTERNAL] XTO - PLU C2 Recycle Facility -Extension Request - Incident Number

NAPP2428555252

### [ \*\*EXTERNAL EMAIL\*\*]

Your time extension request is approved. Remediation Due date has been updated to April 09, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you.

Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, December 30, 2024 11:00 AM

**To:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] XTO - PLU C2 Recycle Facility -Extension Request - Incident Number NAPP2428555252

**From:** Brown, Colton S < <a href="mailto:colton.s.brown@exxonmobil.com">colton.s.brown@exxonmobil.com</a>>

Sent: Monday, December 30, 2024 10:15 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Dirkx, Kaylan < kaylan.dirkx@exxonmobil.com >; Woodall, Robert D < robert.d.woodall@exxonmobil.com >; Mcafee, Ashley A < ashley.a.mcafee@exxonmobil.com >; Smith, Kailee /C < kailee.smith@exxonmobil.com >; Tacoma Morrissey < tmorrissey@ensolum.com >; Ben Belill < belill@ensolum.com >; Tracy Hillard < thillard@ensolum.com >

Subject: [EXTERNAL] XTO - PLU C2 Recycle Facility - Extension Request - Incident Number NAPP2428555252

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

XTO is requesting an extension for the current deadline of January 9, 2025, for submitting a remediation work plan or closure required in 19.15.29.12.B.(1) NMAC at the PLU C2 Recycle Facility (Incident Number nAPP2428555252). Delineation activities were conducted at the Site, however, based on the laboratory analytical results, further delineation is needed. Due to the release occurring in the pasture area, BLM land access is required prior to heavy equipment accessing the release. A sundry request was submitted to the BLM on December 10, 2024, and is pending approval. Additional delineation activities will be scheduled within 30 days of BLM approval. Following excavation activities and receipt of final laboratory analytical results, XTO will submit a remediation work plan or closure report. Based on the information provided, XTO respectfully requests a 90-day extension until April 9, 2025.

Thank You

Colton Brown Wastewater Advisor

ExxonMobil Upstream Company 3104 E. Greene St. Carlsbad, NM 88220 Cell Phone: 575-988-2390 colton.s.brown@exxonmobil.com

### **Tracy Hillard**

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

**Sent:** Friday, April 4, 2025 11:18 AM

**To:** Brown, Colton S

**Cc:** Dirkx, Kaylan; robert.d.woodall@exxonmobil.com; Mcafee, Ashley A; Tacoma Morrissey;

Ben Belill; Tracy Hillard

Subject: RE: [EXTERNAL] XTO - Sampling Frequency Variance - PLU C2 Recycle Facility -

nAPP2428555252

### [ \*\*EXTERNAL EMAIL\*\*]

### Good Morning,

The alternative confirmation sampling plan taking confirmation floor samples of no more than 400 square feet is approved. The acceptance of this alternative sampling plan 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, OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. If the applicable land managing agency does not agree and requires a more stringent sampling plan, the more stringent requirements must be met regardless of OCD's approval.

Thank you, Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Friday, April 4, 2025 8:55 AM

**To:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] XTO - Sampling Frequency Variance - PLU C2 Recycle Facility - nAPP2428555252

From: Brown, Colton S < colton.s.brown@exxonmobil.com >

Sent: Friday, April 4, 2025 8:27 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Dirkx, Kaylan < kaylan.dirkx@exxonmobil.com >; Woodall, Robert D < robert.d.woodall@exxonmobil.com >; Mcafee, Ashley A < ashley.a.mcafee@exxonmobil.com >; Tacoma Morrissey < tmorrissey@ensolum.com >; Ben Belill < belill@ensolum.com >; Tracy Hillard < thillard@ensolum.com >

Subject: [EXTERNAL] XTO - Sampling Frequency Variance - PLU C2 Recycle Facility - nAPP2428555252

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

Please see the attached Site Receptor Map and supporting documentation for your review for a requested soil sampling frequency variance at the PLU C2 Recycle Facility (Site), Incident Number nAPP2428555252. On October 11, 2024 a produced water release occurred, resulting in a 55,735 square-foot release extent across facility caliche surface, right-of-way (ROW), and surrounding pasture. The Site was characterized, and no sensitive receptors were identified. Recently, in March 2025, a soil boring was drilled approximately 0.3 miles to the northwest of the Site to a depth of 105' bgs. A field geologist logged and described soils continuously. No groundwater was encountered after a 72-hour waiting period, and the soil boring was subsequently backfilled with drill cuttings and hydrated bentonite chips. The borehole lithologic/soil sampling log is attached. The soil boring confirms depth to groundwater in the region is greater than 100 feet bgs.

Due to the estimated size of the release area, a documented lack of sensitive receptors, and depth to groundwater determined to be greater than 100 feet bgs, XTO requests a variance of the sampling frequency for confirmation soil samples. XTO proposes five-point composite samples to be collected at a sampling frequency of 400 square feet along the excavation floor and a sampling frequency of 200 square feet along the excavation sidewalls. The proposed sampling frequency would reduce the total amount of samples from approximately 298 samples (200 square feet) to approximately 159 samples. All confirmation soil samples will be submitted for laboratory analysis of BTEX TPH and chloride.

We have included two figures showing the difference between the 200 square foot sampling grid and the requested 400 square foot sampling variance. We believe the sampling variance poses no additional risk to fresh water, public health, and the environment.

With the data provided will you please consider approval of a variance of the sampling frequency from the required 200 square feet to 400 square feet?

Thank you

**Colton Brown**Spill Coordinator

ExxonMobil Upstream Company 3104 E. Greene St. Carlsbad, NM 88220 Cell Phone: 575-988-2390 colton.s.brown@exxonmobil.com

### **Ben Belill**

From: Brown, Colton S <colton.s.brown@exxonmobil.com>

Sent: Wednesday, April 9, 2025 4:19 PM

**To:** Tacoma Morrissey; Ben Belill; Tracy Hillard

Cc: Dirkx, Kaylan; Woodall, Robert D; Mcafee, Ashley A

**Subject:** FW: The Oil Conservation Division (OCD) has rejected the application, Application ID:

449538

### [ \*\*EXTERNAL EMAIL\*\*]

PLU C2 Recycle Facility Remediation Plan denied

### **Colton Brown**

Spill Coordinator

### **ExxonMobil Upstream Company**

3104 E. Greene St.
Carlsbad, NM 88220
Cell Phone: 575-988-2390
colton.s.brown@exxonmobil.com

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Wednesday, April 9, 2025 2:15 PM

**To:** Brown, Colton S <colton.s.brown@exxonmobil.com>

Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 449538

To whom it may concern (c/o Colton Brown for XTO ENERGY, INC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2428555252, for the following reasons:

• The Remediation Plan is denied. Delineation has not been completed. Horizontal delineation must meet the requirements of the reclamation standards 19.15.29.13 NMAC (600 mg/kg Cl, 100 mg/kg TPH, 50 mg/kg BTEX, 10 mg/kg benzene) or OCD approved "background" values for the upper 4 feet of the impacted area. Soil standards below 4 feet must be delineated/remediated to Table I Closure Criteria for the approved site-specific depth to groundwater. A surface visual footprint alone is not sufficient when assessing the horizontal extent of the release. Laboratory data must be provided as evidence of delineation efforts. Please complete vertical delineation of sample point BH03..

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 449538.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Scott Rodgers Environmental Specialist - A 505-469-1830 scott.rodgers@emnrd.nm.gov

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



**APPENDIX F** 

Land Access References



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

County or Parish/State: EDDY /

Well Name: POKER LAKE UNIT CVX Well Location: T25S / R30E / SEC 1 /

JV BS

Well Number: 24H

SWSW / 32.091039 / -103.502139

NM

Type of Well: OIL WELL

Lease Number: NMNM030456 Unit or CA Name:

Unit or CA Number:

Allottee or Tribe Name:

NMNM71016T

LLC

### **Notice of Intent**

**Sundry ID: 2826617** 

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 12/10/2024 Time Sundry Submitted: 07:32

Date proposed operation will begin: 12/30/2024

**Procedure Description:** XTO Permian Operating LLC., (XTO) respectfully requests access to an off-pad area located 0.47 miles southwest of the Poker Lake Unit CVX JV BS 024H well pad location in order to complete remediation activities related to a release (Incident Number nAPP2428555252) which occurred on October 11, 2024. The release occurred on a right-of-way (ROW) adjacent to the PLU C2 Recycle Facility Pad (Facility ID fAB1805931927) at GPS 32.1478226, -103.8447066 and flowed south along the ROW and into pasture area. Excavation of impacted soil is needed utilizing heavy equipment (backhoe, trackhoe, loader, and hydrovacuum truck). After successful completion of remediation efforts, the disturbed area will be backfilled with topsoil purchased locally and re-contoured to match pre-existing site conditions and re-seeded with the recommended BLM seed mixture. Excavation activities will begin within 90 days following the approval of this request.

### **Surface Disturbance**

Is any additional surface disturbance proposed?: Yes

Proposed Disturbance(acres): 7.0 Interim Reclamation (acres): 0.0 Long Term Disturbance

(acres): 0.0

**Surface Disturbance:** 

### **NOI Attachments**

**Procedure Description** 

XTO\_Poker\_Lake\_CVX\_JV\_BS\_024H\_Site\_Map\_20241210070242.pdf

Page 1 of 2

Received by OCD: 7/17/2025 10:14:25 AM Well Name: POKER LAKE UNIT CVX

JV BS

**Well Location:** T25S / R30E / SEC 1 / SWSW / 32.091039 / -103.502139

County or Parish/State: EDDY 9f 3

NM

Well Number: 24H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM030456

**US Well Number: 3001541598** 

**Unit or CA Name:** 

Unit or CA Number: NMNM71016T

Operator: XTO PERMIAN OPERATING

### **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: DEC 10, 2024 07:30 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 Phone:** 5752345987

**Disposition:** Approved

Signature: CRISHA A. MORGAN

**BLM POC Title:** Environmental Protection Specialist

BLM POC Email Address: camorgan@blm.gov

**Disposition Date:** 01/14/2025

Page 2 of 2

Form 3160-5 (June 2019)

### UNITED STATES DEPARTMENT OF THE INTERIOR

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

BURE	EAU OF LAND MANAGEMENT		5. Lease Serial No.	
Do not use this f	OTICES AND REPORTS ON Vorm for proposals to drill or t Jse Form 3160-3 (APD) for su	o re-enter an	6. If Indian, Allottee or Tribe	Name
SUBMIT IN 1	RIPLICATE - Other instructions on pag	ge 2	7. If Unit of CA/Agreement,	Name and/or No.
1. Type of Well Gas W	/ell Other		8. Well Name and No.	
2. Name of Operator			9. API Well No.	
3a. Address	3b. Phone No	. (include area code)	10. Field and Pool or Explora	tory Area
4. Location of Well (Footage, Sec., T.,R	.,M., or Survey Description)		11. Country or Parish, State	
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE C	) F NOTICE, REPORT OR OT	HER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION	
Notice of Intent	Acidize Dee	pen [ Iraulic Fracturing [	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Nev	v Construction	Recomplete	Other
Final Abandonment Notice		g and Abandon  g Back	Temporarily Abandon Water Disposal	
is ready for final inspection.)				
4. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	Title		
Signature		Date		
	THE SPACE FOR FED	ERAL OR STA	TE OFICE USE	
Approved by		Title		Date
	ned. Approval of this notice does not warra quitable title to those rights in the subject l duct operations thereon.			
Fitle 18 U.S.C Section 1001 and Title 43	3 U.S.C Section 1212, make it a crime for a	any person knowingly	and willfully to make to any d	epartment 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

(Form 3160-5, page 2)

### **Additional Information**

### **Location of Well**

 $0. \ SHL: \ SWSW \ / \ 165 \ FSL \ / \ 1160 \ FWL \ / \ TWSP: \ 25S \ / \ RANGE: \ 30E \ / \ SECTION: \ 1 \ / \ LAT: \ 32.091039 \ / \ LONG: \ -103.502139 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$   $PPP: \ NWNW \ / \ 354 \ FNL \ / \ 1102 \ FWL \ / \ TWSP: \ 25S \ / \ RANGE: \ 30E \ / \ SECTION: \ 12 \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$   $BHL: \ SWSW \ / \ 52 \ FSL \ / \ 668 \ FWL \ / \ TWSP: \ 25S \ / \ RANGE: \ 30E \ / \ SECTION: \ 12 \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$ 



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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 485939

### **QUESTIONS**

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2428555252
Incident Name	NAPP2428555252 PLU C2 RECYCLE FACILITY @ FAB1805931927
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAB1805931927] PLU CENTRAL 2 RECYCLING FACILITY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PLU C2 RECYCLE FACILITY
Date Release Discovered	10/11/2024
Surface Owner	Federal

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Human Error   Pump   Produced Water   Released: 36 BBL   Recovered: 0 BBL   Lost: 36 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)	Approximate area is 55735 sq/ft, update from XTO	

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

QUESTIONS, Page 2

Action 485939

QUESTI	IONS (continued)
Operator: XTO ENERGY, INC 6404 Holidov Hill Dood	OGRID: 5380
6401 Holiday Hill Road Midland, TX 79707	Action Number: 485939
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	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.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Kailee Smith Title: Regulatory Analyst Email: kailee.smith@exxonmobil.com Date: 10/11/2024

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

Phone: (505) 629-6116

Online Phone Directory
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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 485939

**QUESTIONS** (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
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 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (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 1000 (ft.) and ½ (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil conta	amination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each	h, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	480	
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 c which includes the anticipated timelines for beginning and completing the remediation.	completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC	
On what estimated date will the remediation commence 11/24/2024		
On what date will (or did) the final sampling or liner inspection occur	04/24/2025	
On what date will (or was) the remediation complete(d)	04/24/2025	
What is the estimated surface area (in square feet) that will be reclaimed	48175	
What is the estimated volume (in cubic yards) that will be reclaimed	3500	
What is the estimated surface area (in square feet) that will be remediated	48175	
What is the estimated volume (in cubic yards) that will be remediated	3500	
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.		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 485939

**QUESTIONS** (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL	
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.	
D 0 1 " D (40 45 00 44 NAAO 1 " " 1 1 1 1 " " 1 1 1 1 1 1 1 1 1 1	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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.

Name: Robert Woodall
Title: Environmental Analyst
Email: robert.d.woodall@exxonmobil.com

Date: 07/17/2025

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.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 485939

**QUESTIONS** (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 485939

**QUESTIONS** (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	455056
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/28/2025
What was the (estimated) number of samples that were to be gathered	100
What was the sampling surface area in square feet	20000

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	48175
What was the total volume (cubic yards) remediated	3500
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	48175
What was the total volume (in cubic yards) reclaimed	3500
Summarize any additional remediation activities not included by answers (above)	Excavation activities were conducted at the Site to address the October 11, 2024, release of produced water. Laboratory analytical results for all final excavation soil samples indicated all Constituent of Concern (COC) concentrations were compliant with the Site Closure Criteria. Based on the soil sample laboratory analytical results, no further remediation is required. The final excavation backfill is ongoing with material purchased locally and is being recontoured to match pre-existing Site conditions. Excavation of soil has removed impacted soil from the area. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number NAPP2428555252.

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.

Name: Robert Woodall
Title: Environmental Analyst
Email: robert.d.woodall@exxonmobil.com
Date: 07/17/2025

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

QUESTIONS, Page 7

Action 485939

**QUESTIONS** (continued)

Operator:	OGRID:
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6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

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

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

CONDITIONS

Action 485939

### **CONDITIONS**

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	485939
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	9/5/2025