ENSOLUM

June 8, 2026

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

Re: Closure Request
Poker Lake Unit 30-19 BS 154H
Incident Number nAPP2434530896
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 excavation and soil sampling activities performed at the Poker Lake Unit 30-19 BS 154H (Site). The purpose of excavation and soil sampling activities, conducted in accordance with an approved *Remediation Work Plan* (*Work Plan)*, was to address impacts to soil resulting from a release of produced water, crude oil, and vented natural gas at the Site. XTO is submitting this *Closure Request*, describing excavation activities that have occurred and requesting no further remediation for Incident Number nAPP2434530896.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit C, Section 30, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.108379°, -103.817650°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 9, 2024, human error during flowback operations resulted in the release of 113 barrels (bbls) of crude oil and 429 bbls of produced water from an open top tank onto the well pad surface. An estimated 153 thousand cubic feet (Mcf) of natural gas was also vented. Vacuum trucks were immediately dispatched; approximately 77 bbls of crude oil and 293 bbls of produced water were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) and an Initial C-141 Application (C-141) on December 10, 2024. The release was assigned Incident Number nAPP2434530896.

On March 19, 2025, XTO submitted a *Work Plan* to the NMOCD documenting delineation, excavation, and soil sampling activities conducted and requested approval to utilize alternative remediation to treat the impacted soil. On August 26, 2025, the NMOCD denied the *Work Plan* for multiple reasons.

On November 25, 2025, XTO submitted a *Work Plan* to the NMOCD documenting additional delineation and all previous remedial activities. The *Work Plan* proposed excavation of impacted soil identified. On December 8, 2025, the NMOCD approved the *Work Plan* with the following conditions:

- *Entire length of excavation that SW06 and SW07 were collected along requires further excavation as GRO+DRO was 11,500 and 5,720 mg/kg respectively and these samples were collected on edge of pad.*

- *In addition, the entire length of excavation that SW02 was collected along requires further excavation as TPH was 4,680 mg/kg here.*

This *Closure Request* documents all remediation activities documented in the *Work Plan* and the additional remedial actions completed to date.

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. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. In June 2022, a soil boring permitted by New Mexico Office of the State Engineer (C-4624) was completed approximately 0.39 miles south of the Site utilizing air rotary drilling method to a depth of 120 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 120 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located approximately 1,868 feet west of the Site. The Site is greater than 200 feet from any 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. Based on the most recently updated BLM karst map (January 2025), 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

SITE ASSESSMENT AND DELINEATION ACTIVITIES

Between December 9 and December 17, 2024, Ensolum personnel conducted a Site assessment and delineation activities to evaluate the release extent based on visual observations and information included in the NOR and C-141. Eight delineation potholes (PH01 through PH08) were advanced via heavy equipment to investigate the vertical extent of the release. The potholes were advanced to terminal depths ranging from 4 feet to 14 feet bgs. Discrete soil samples were collected from each

pothole at depths ranging from 0.5 feet to 14 feet bgs. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. A photographic log depicting Site activities is included in Appendix B. Field screening results and observations for all potholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The release extent area and delineation soil samples were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

On January 31, 2025, Ensolum personnel returned to the Site to further evaluate the release extent. Twenty-five delineation soil samples (SS01 through SS25) were collected at a depth of 0.5 feet bgs surrounding the release extent to define the lateral extent of the release. The delineation soil samples were field screened for VOCs and chloride as described above. Based on analytical results for soil sample SS02 collected on January 31, 2025, indicating waste-containing soil existed in that location, a second sample was collected just outside the original sample location on February 21, 2025, to delineate the release extent to the reclamation requirement. As mentioned above, a *Work Plan* was submitted to the NMOCD on March 19, 2025, following delineation activities.

Following denial of the March 2025 *Work Plan,* on September 24, 2025, Ensolum personnel returned to the Site to complete additional delineation activities to further define impacts to soil. Eleven delineation potholes (PH09 through PH19) were advanced via heavy equipment to further investigate the vertical extent of the release. The potholes were advanced to terminal depths ranging from 2 feet to 2.5 feet bgs, with discrete soil samples collected from each pothole at depths ranging from 0.5 feet to 2.5 feet bgs. The delineation soil samples were field screened for VOCs and chloride as described above.

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

Following initial delineation soil sampling activities, the release footprint was scraped with heavy equipment to a depth of approximately 0.5 feet bgs to remove surficial gross impacts caused by the release. The western extent of the release, where field screenings indicated elevated COCs, was excavated to 1-foot bgs with heavy equipment. The western excavation was mapped utilizing a handheld GPS unit and is depicted on Figure 3. Approximately 2,000 cubic yards of soil were removed during the scrape and excavation activities. Copies of soil disposal manifests are available upon request.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On February 7, 2025, XTO submitted a request for a variance of confirmation soil sampling frequency via email. XTO proposed to collect five-point composite samples at a sampling frequency of every 400 square feet from the floor/base areas and every 200 square feet from the sidewall areas. The entirety of the release remained on the well pad, and the release extent area was approximately 81,750 square feet. The proposed sampling frequency was estimated to reduce the total number of confirmation soil samples from 410 samples to approximately 205 samples. On February 10, 2025, the NMOCD approved the sampling variance request via email with one condition: all sidewall samples were to be collected at a frequency of every 200 square feet. All NMOCD correspondence emails are included in Appendix D.

Between February 17 and February 21, 2025, Ensolum personnel collected a total of two hundred fourteen 5-point composite soil samples to confirm the extent of impacted soil within the release. Composite soil samples were collected within the release extent, including the floors and sidewalls of

the surface scraped area. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples CS01 through CS136 were collected within the release area on the pad surface at a depth of 0.5 feet bgs. Confirmation floor soil samples FS01 through FS31, FS33 through FS64, and FS66 through FS73 were collected from the floor of the surface scraped area and confirmation sidewall samples SW01 through SW07 were collected from the sidewall of the surface scraped area. Soil sampling nomenclature FS32 and FS65 were inadvertently omitted while collecting the soil samples. The soil samples were handled and analyzed for the same COCs as described above and submitted to Cardinal in Hobbs, New Mexico.

Laboratory analytical results from delineation soil samples provided vertical definition to Table I Closure Criteria at depths ranging from 1-foot bgs (in PH04 and PH05) to 6 feet bgs (in PH07). Laboratory analytical results for all lateral delineation samples (SS01 through SS25) indicated COC concentrations were in compliance with the Table I Closure Criteria and the reclamation requirement, except for soil sample SS15, which contained 163 mg/kg TPH, slightly exceeding the reclamation requirement in the central portion of the well pad. Additional lateral delineation will be achieved with excavation sidewall samples or surface delineation soil samples in the area of SS15.

Thirty confirmation soil samples exceeded the Table I Closure Criteria for TPH, one confirmation soil sample exceeded for chloride (CS96), and two confirmation soil samples exceeded for total BTEX (CS04 and CS61). These samples are largely situated in the central portion of release extent. Forty-six floor and sidewall confirmation soil samples collected from the scraped area (FS01 through FS73, and SW01 through SW07) exceeded Table I Closure Criteria for TPH. All laboratory analytical results are summarized in Table 1. The complete laboratory analytical reports are included in Appendix E.

EXCAVATION SOIL SAMPLING ACTIVITIES

Ensolum personnel were onsite between February 25, 2026, and May 20, 2026, to excavate impacted soil. Excavation activities were performed by use of heavy equipment. To direct excavation activities, soil was field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Once field screening indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 400 square feet from the floors and every 200 square feet from the sidewalls of the excavation extents. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Thirty-three confirmation soil samples, forty-six floor samples, and six sidewall samples were further excavated. In addition, twenty-nine additional lateral delineation soil samples, SS26 through SS54 were collected from pad surface to define the lateral extent of the release. Three soil samples exceeded Closure Criteria and were excavated. The delineation soil sample locations were mapped utilizing a GPS unit and are depicted on Figure 2. The confirmation soil sample locations were mapped utilizing a GPS unit and are depicted on Figure 3.

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 Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the COCs utilizing the same methods above with the exception of chloride following EPA Method 300.0.

The final excavation extents measured approximately 41,194 square feet in total. A total of approximately 2,500 cubic yards of impacted soil was removed during the excavation activies. The impacted soil was transported and disposed of at the R360 Landfill Disposal Facility in Hobbs, New Mexico. The final excavation was fenced off pending backfilling.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final excavation confirmation, floor, and sidewall samples indicated COC concentrations were compliant with the Closure Criteria. The laboratory analytical results are summarized on the attached Table 1, and the complete laboratory analytical reports are included in Appendix E.

CLOSURE REQUEST

Excavation activities were conducted at the Site as indicated in the *Work Plan* to address the December 9, 2024, release of produced water, crude oil, and vented natural gas. Laboratory analytical results for all excavation soil samples collected indicate COC concentrations were compliant with the Closure Criteria. Based on the soil sample laboratory analytical results, no further remediation is required. The excavation will be backfilled with material purchased locally and the Site will be recontoured to match pre-existing site conditions.

Excavation of soil has mitigated impacts exceeding the Closure Criteria at 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 nAPP2434530896.

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

Ashley L. Ager, M.S., P.G.
Principal

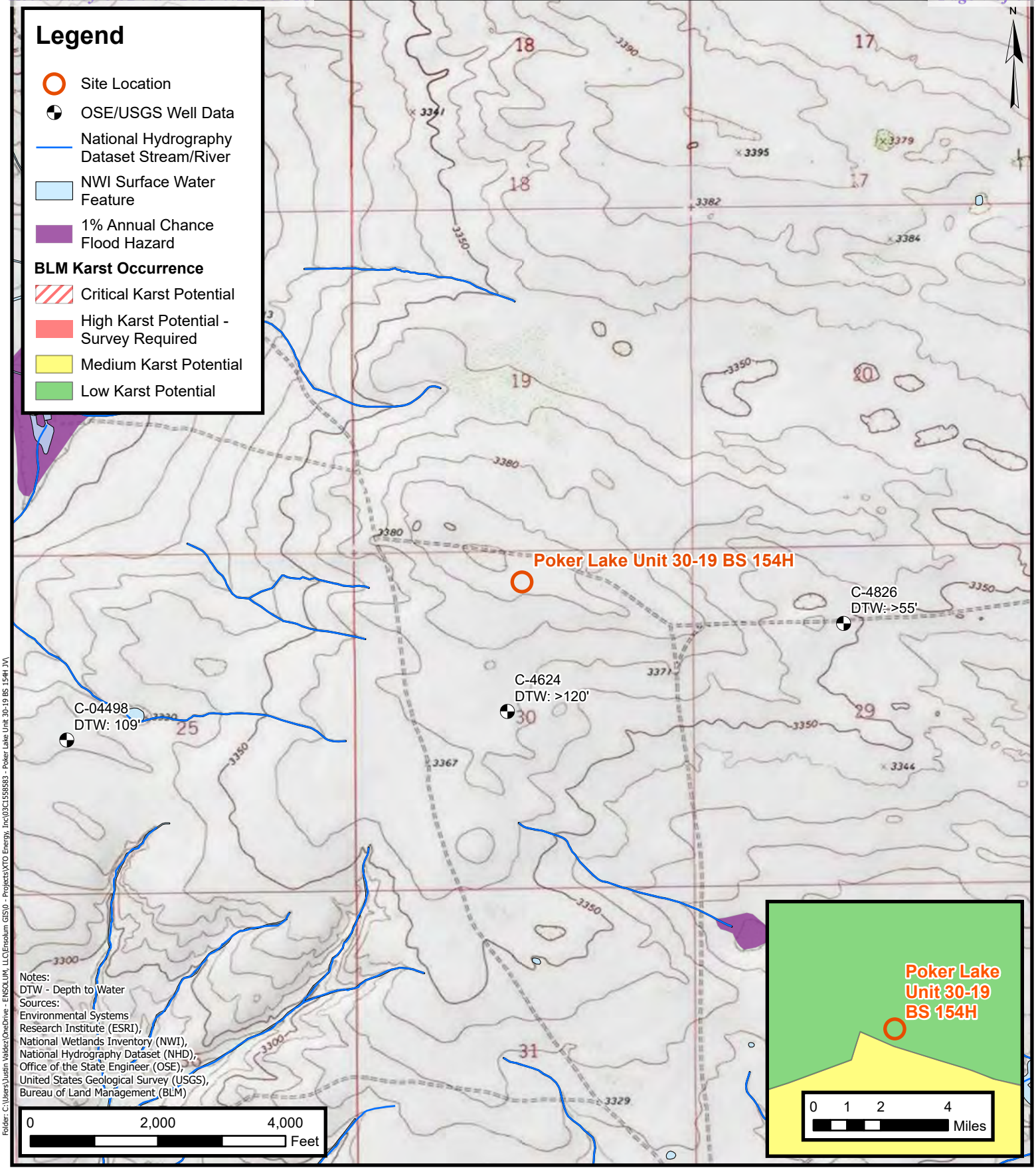
cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Record
Appendix B	Photographic Log
Appendix C	Lithologic / Soil Sampling Logs
Appendix D	NMOCD Notifications
Appendix E	Laboratory Analytical Reports & Chain-of-Custody Documentation

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FIGURES



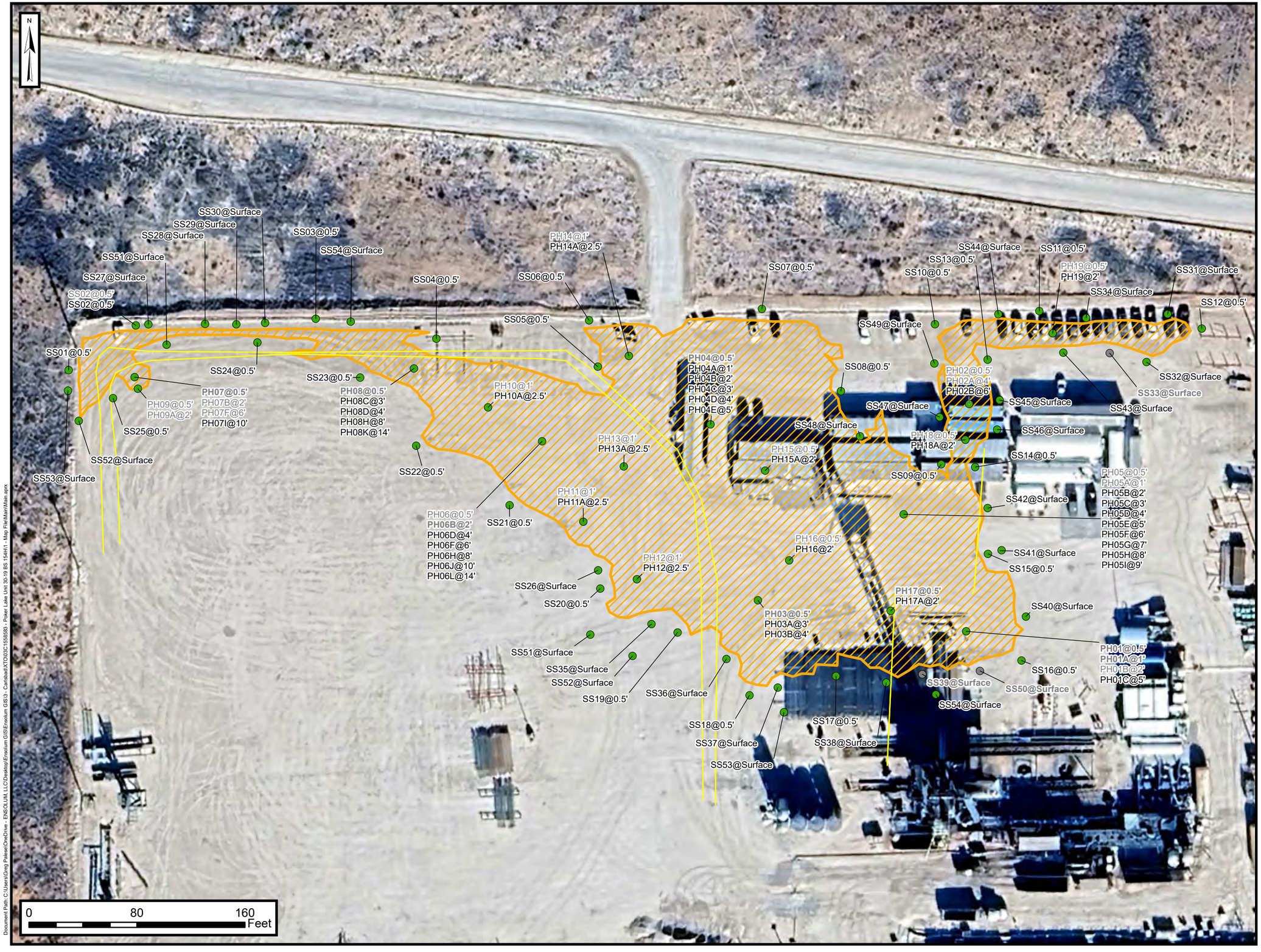
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Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
Incident Number: nAPP2434530896
Units B and C, Section 30, T 25S, R 31E
Eddy County, New Mexico

FIGURE 1



Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample - Removed
- Oil and Gas Utility
- Release Extent

Notes:
Sample ID @ Depth Below Ground Surface.
Samples in bold indicate sample exceeded applicable closure criteria.
Sources: Environmental Systems Research Institute (ESRI), Google Earth.

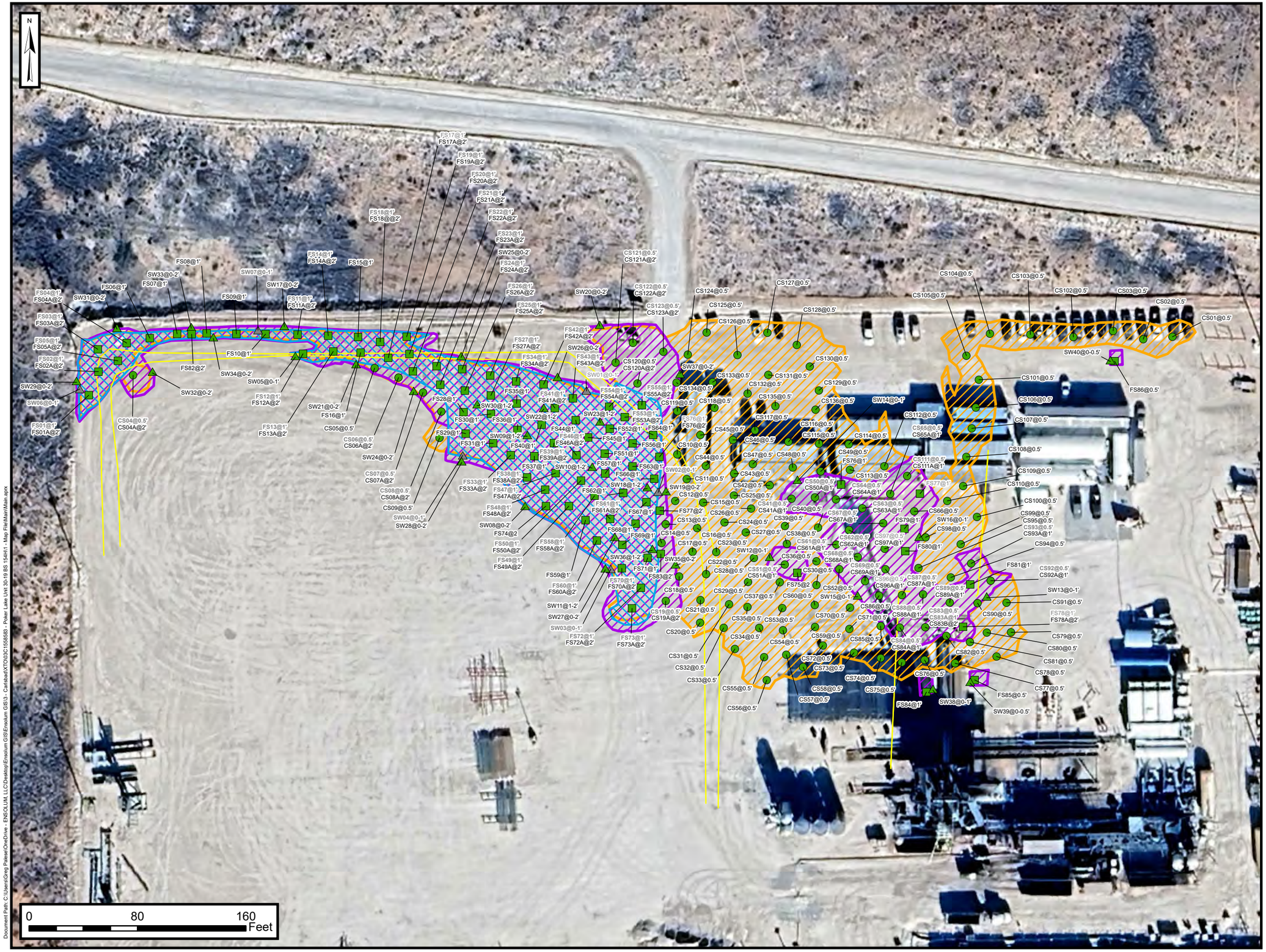
Delineation Soil Sampling Locations

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
Incident Number: nAPP2434530896
Units B & C, Sec 30, T 25S, R 32E
Eddy County, New Mexico

FIGURE 2

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Document Path: C:\Users\Greg Pallesen\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\3 - Carlsbad\XTO\03C1558583 - Poker Lake Unit 30-19 BS 154H\1 - Map File\Main\Main.aprx



Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- Excavation Sidewall Sample in Compliance with Closure Criteria
- Confirmation Soil Sample in Compliance with Closure Criteria
- Excavation Sidwall Sample - Removed
- Oil and Gas Utility Line
- Final Excavation
- Original Excavation
- Release Extent

Notes:
Sample ID @ Depth Below Ground Surface.
Sample ID in **bold** indicate sample exceeded applicable closure criteria.
Sample ID in Grey indicates soil sample removed during excavation activities.
Sources: Environmental Systems Research Institute (ESRI), Google Earth.

Confirmation Soil Sampling Locations

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
Incident Number: nAPP2434530896
Units B & C, Sec 30, T 25S, R 32E
Eddy County, New Mexico

FIGURE 3

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Environmental, Engineering and Hydrogeologic Consultants

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
~~PH01~~	~~12/16/2024~~	~~0.5~~	~~0.789~~	~~**100**~~	~~1,190~~	~~3,260~~	~~350~~	~~**4,450**~~	~~**4,800**~~	~~7,600~~
~~PH01A~~	~~12/16/2024~~	~~1~~	~~<0.100~~	~~44.0~~	~~1,120~~	~~3,920~~	~~463~~	~~**5,040**~~	~~**5,503**~~	~~10,500~~
~~PH01B~~	~~12/16/2024~~	~~2~~	~~<0.050~~	~~<0.300~~	~~14.9~~	~~242~~	~~22.4~~	~~257~~	~~279~~	~~8,160~~
PH01C	01/31/2025	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
~~PH02~~	~~12/16/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~11.8~~	~~<10.0~~	~~11.8~~	~~11.8~~	~~8,000~~
~~PH02A~~	~~12/16/2024~~	~~4~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~21.8~~	~~<10.0~~	~~21.8~~	~~21.8~~	~~2,280~~
PH02B	12/16/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
~~PH03~~	~~12/16/2024~~	~~0.5~~	~~2.51~~	~~**297**~~	~~7,470~~	~~13,200~~	~~1,370~~	~~**20,670**~~	~~**22,040**~~	~~16,000~~
PH03A	12/16/2024	3	<0.050	<0.300	<10.0	25.3	<10.0	25.3	25.3	432
PH03B	12/16/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
~~PH04~~	~~12/16/2024~~	~~0.5~~	~~<0.050~~	~~0.823~~	~~41.1~~	~~991~~	~~104~~	~~**1,032**~~	~~1,136~~	~~5,730~~
PH04A	12/16/2024	1	<0.050	<0.300	<10.0	40.5	<10.0	40.5	40.5	672
PH04B	12/16/2024	2	<0.050	<0.300	<10.0	46.7	<10.0	46.7	46.7	304
PH04C	12/16/2024	3	<0.050	<0.300	<10.0	219	11.3	219	230	448
PH04D	12/16/2024	4	<0.050	<0.300	<10.0	47.5	<10.0	47.5	47.5	208
PH04E	12/16/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
~~PH05~~	~~12/16/2024~~	~~0.5~~	~~<0.050~~	~~0.876~~	~~15.3~~	~~198~~	~~20.6~~	~~213~~	~~234~~	~~5,460~~
~~PH05A~~	~~12/16/2024~~	~~1~~	~~<0.050~~	~~6.34~~	~~114~~	~~720~~	~~78.4~~	~~834~~	~~912~~	~~2,960~~
PH05B	12/16/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
PH05C	12/16/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
PH05D	12/16/2024	4	<0.050	<0.300	<10.0	63.2	<10.0	63.2	63.2	384
PH05E	12/16/2024	5	<0.050	<0.300	<10.0	135	<10.0	135	135	624
PH05F	12/16/2024	6	<0.050	1.71	70.9	610	48.6	681	730	1,230
PH05G	12/16/2024	7	<0.050	<0.300	<10.0	175	15.8	175	191	448
PH05H	12/16/2024	8	<0.050	<0.300	<10.0	106	<10.0	106	106	448
PH05I	12/16/2024	9	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~PH06~~	~~12/17/2024~~	~~0.5~~	~~<0.050~~	~~9.23~~	~~180~~	~~619~~	~~55.0~~	~~799~~	~~854~~	~~1,060~~
~~PH06B~~	~~12/17/2024~~	~~2~~	~~<0.050~~	~~14.5~~	~~295~~	~~946~~	~~93.9~~	~~**1,241**~~	~~1,335~~	~~464~~
PH06D	12/17/2024	4	<0.050	0.82	19.2	216	14.6	235	250	128
PH06F	12/17/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
PH06H	12/17/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH06J	12/17/2024	10	<0.050	<0.300	<10.0	31.0	<10.0	31.0	31.0	112
PH06L	12/17/2024	14	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
~~PH07~~	~~12/17/2024~~	~~0.5~~	~~<2.00~~	~~**697**~~	~~15,900~~	~~32,400~~	~~3,200~~	~~**48,300**~~	~~**51,500**~~	~~80.0~~
~~PH07B~~	~~12/17/2024~~	~~2~~	~~<2.00~~	~~**233**~~	~~3,850~~	~~8,950~~	~~968~~	~~**12,800**~~	~~**13,768**~~	~~48.0~~
PH07F	12/17/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
PH07I	12/17/2024	10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
~~PH08~~	~~12/17/2024~~	~~0.5~~	~~<0.050~~	~~16.6~~	~~296~~	~~1,630~~	~~160~~	~~**1,926**~~	~~2,086~~	~~3,080~~
PH08C	12/17/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH08D	12/17/2024	4	<0.050	<0.300	<10.0	33.4	<10.0	33.4	33.4	32.0
PH08H	12/17/2024	8	<0.050	<0.300	10.7	205	20.9	216	237	96.0
PH08K	12/17/2024	14	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
~~PH09~~	~~09/24/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<16.0~~
~~PH09A~~	~~09/24/2025~~	~~2~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~32.0~~
~~PH10~~	~~09/24/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~144~~
PH10A	09/24/2025	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
~~PH11~~	~~09/24/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~160~~
PH11A	09/24/2025	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
~~PH12~~	~~09/24/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~512~~	~~91.7~~	~~512~~	~~604~~	~~2,960~~
PH12A	09/24/2025	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
~~PH13~~	~~09/24/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~144~~
PH13A	09/24/2025	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
~~PH14~~	~~09/24/2025~~	~~1~~	~~<0.050~~	~~0.351~~	~~<10.0~~	~~56.1~~	~~<10.0~~	~~56.1~~	~~56.1~~	~~608~~
PH14A	09/24/2025	2.5	<0.050	<0.300	<10.0	13.8	<10.0	13.8	13.8	704
~~PH15~~	~~09/24/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~3,320~~
PH15A	09/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
~~PH16~~	~~09/24/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~141~~	~~17.7~~	~~141~~	~~159~~	~~4,160~~
PH16A	09/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~PH17~~	~~09/24/2025~~	~~0.5~~	~~<0.500~~	~~**125**~~	~~3,140~~	~~10,900~~	~~1,250~~	~~**14,040**~~	~~**15,290**~~	~~8,400~~
PH17A	09/24/2025	2	<0.050	<0.300	<10.0	45.2	<10.0	45.2	45.2	1,220
~~PH18~~	~~09/24/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~512~~
PH18A	09/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,050
~~PH19~~	~~09/24/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~48.0~~
PH19A	09/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS01	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
~~SS02~~	~~01/31/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~494~~	~~139~~	~~494~~	~~633~~	~~<16.0~~
SS02	02/21/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS03	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS04	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS05	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS06	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS07	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS08	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS09	01/31/2025	0.5	<0.050	<0.300	<10.0	13.6	<10.0	13.6	13.6	<16.0
SS10	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS11	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS12	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS13	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS14	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS15	01/31/2025	0.5	<0.050	<0.300	<10.0	131	32.3	131	163	<16.0
SS16	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS17	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS18	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS19	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS20	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS21	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS22	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS23	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS24	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS25	01/31/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
SS26	02/25/2026	Surface	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	177
SS27	04/21/2026	Surface	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	10.8
SS28	04/21/2026	Surface	<0.00200	<0.00400	<50.1	<50.1	<50.1	<50.1	<50.1	40.0
SS29	04/21/2026	Surface	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	24.3
SS30	04/21/2026	Surface	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	13.8
SS31	04/22/2026	Surface	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	69.8
SS32	04/22/2026	Surface	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	133
~~SS33~~	~~04/22/2026~~	~~Surface~~	~~<0.00200~~	~~<0.00399~~	~~<50.0~~	~~1,710~~	~~813~~	~~**1,710**~~	~~**2,523**~~	~~76.8~~
SS34	04/22/2026	Surface	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	38.6
SS35	04/22/2026	Surface	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	644
SS36	04/22/2026	Surface	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	68.5
SS37	04/22/2026	Surface	<0.00198	<0.00396	<50.1	177	<50.1	177	177	33.3
SS38	04/22/2026	Surface	<0.00200	<0.00400	<49.6	<49.6	<49.6	<49.6	<49.6	75.7
~~SS39~~	~~04/22/2026~~	~~Surface~~	~~<0.00200~~	~~<0.00399~~	~~<50.1~~	~~410~~	~~189~~	~~410~~	~~599~~	~~**48,800**~~
SS40	04/22/2026	Surface	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	88.4
SS41	04/22/2026	Surface	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	45.6
SS42	04/22/2026	Surface	<0.00201	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	26.9
SS43	04/22/2026	Surface	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	448
SS44	04/22/2026	Surface	<0.00199	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	333
SS45	04/22/2026	Surface	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	172
SS46	04/22/2026	Surface	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	107
SS47	04/22/2026	Surface	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	295
SS48	04/22/2026	Surface	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	214
SS49	04/22/2026	Surface	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	271
~~SS50~~	~~04/22/2026~~	~~Surface~~	~~<0.00198~~	~~<0.00396~~	~~<49.8~~	~~1,900~~	~~306~~	~~**1,900**~~	~~2,206~~	~~1,330~~
SS51	05/20/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SS52	05/20/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS53	05/20/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SS54	05/20/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400

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TABLE 1
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Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confimation Soil Samples										
CS01	02/21/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,200
CS02	02/21/2025	0.5	<0.050	<0.300	<10.0	363	39.4	363	402	1,200
CS03	02/21/2025	0.5	<0.050	<0.300	<10.0	467	45.3	467	512	1,440
~~CS04~~	~~02/18/2025~~	~~0.5~~	~~<0.500~~	~~**212**~~	~~4,340~~	~~15,700~~	~~1,750~~	~~**20,040**~~	~~**21,800**~~	~~160~~
CS04A	03/09/2026	2	<0.00200	<0.00401	<50.2	399	<50.2	399	399	23.9
CS05	02/18/2025	0.5	<0.050	4.96	86.9	794	105	881	986	240
~~CS06~~	~~02/18/2025~~	~~0.5~~	~~<0.200~~	~~39.1~~	~~586~~	~~2,670~~	~~294~~	~~**3,260**~~	~~**3,550**~~	~~464~~
CS06A	03/05/2026	2	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	106
~~CS07~~	~~02/18/2025~~	~~0.5~~	~~<0.200~~	~~36.9~~	~~772~~	~~4,540~~	~~437~~	~~**5,310**~~	~~**5,750**~~	~~1,460~~
CS07A	03/06/2026	2	<0.0202	<0.00404	<50.0	160	<50.0	160	160	27.7
~~CS08~~	~~02/18/2025~~	~~0.5~~	~~<0.050~~	~~3.34~~	~~194~~	~~2,000~~	~~182~~	~~**2,200**~~	~~2,380~~	~~576~~
CS08A	03/06/2026	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	33.0
CS09	02/19/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS10	02/19/2025	0.5	<0.050	<0.300	<10.0	158	14.7	158	173	1,800
CS11	02/19/2025	0.5	<0.050	<0.300	<10.0	243	25.5	243	269	1,240
CS12	02/19/2025	0.5	<0.050	<0.300	<10.0	262	28.4	262	290	960
CS13	02/19/2025	0.5	<0.050	<0.300	<10.0	148	20.9	148	169	896
~~CS14~~	~~02/19/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~284~~	~~35.9~~	~~284~~	~~320~~	~~1,140~~
CS14A	03/06/2026	2	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	55.4
CS15	02/20/2025	0.5	<0.050	<0.300	<10.0	670	101	670	771	14,600
CS16	02/20/2025	0.5	<0.050	<0.300	<10.0	80.1	10.2	80.1	90.3	1,020
CS17	02/20/2025	0.5	<0.050	<0.300	<10.0	70.9	<10.0	70.9	70.9	2,280
CS18	02/20/2025	0.5	<0.050	<0.300	<10.0	17.7	<10.0	17.7	17.7	3,440
~~CS19~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~2,550~~	~~381~~	~~**2,550**~~	~~**2,930**~~	~~11,000~~
CS19A	02/25/2026	2	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	1,110
CS20	02/20/2025	0.5	<0.050	<0.300	<10.0	12.4	<10.0	12.4	12.4	352
CS21	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS22	02/20/2025	0.5	<0.050	<0.300	<10.0	34.7	<10.0	34.7	34.7	400
CS23	02/20/2025	0.5	<0.050	<0.300	<10.0	36.5	<10.0	36.5	36.5	416
CS24	02/20/2025	0.5	<0.050	<0.300	<10.0	142	27.0	142	169	3,600
CS25	02/20/2025	0.5	<0.050	0.394	15.7	387	53.5	403	457	1,640

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS26	02/20/2025	0.5	<0.050	0.765	34.3	743	94.7	777	872	1,880
CS27	02/20/2025	0.5	<0.050	<0.300	<10.0	168	26.4	168	194	2,280
CS28	02/20/2025	0.5	<0.050	<0.300	<10.0	234	35.6	234	270	2,440
CS29	02/20/2025	0.5	<0.050	<0.300	<10.0	436	74.0	436	510	336
CS30	02/20/2025	0.5	<0.050	<0.300	<10.0	30.5	<10.0	30.5	30.5	288
CS31	02/20/2025	0.5	<0.050	<0.300	<10.0	14.5	<10.0	14.5	14.5	144
CS32	02/20/2025	0.5	<0.050	0.645	<10.0	23.8	<10.0	23.8	23.8	240
CS33	02/20/2025	0.5	<0.050	<0.300	<10.0	22.4	<10.0	22.4	22.4	240
CS34	02/20/2025	0.5	<0.050	<0.300	<10.0	16.4	<10.0	16.4	16.4	320
CS35	02/20/2025	0.5	<0.050	<0.300	<10.0	22.5	<10.0	22.5	22.5	768
CS36	02/20/2025	0.5	<0.050	<0.300	<10.0	26.6	<10.0	26.6	26.6	432
CS37	02/20/2025	0.5	<0.050	<0.300	<10.0	21.9	<10.0	21.9	21.9	944
CS38	02/20/2025	0.5	<0.050	<0.300	18.7	660	86.4	679	765	2,600
CS39	02/20/2025	0.5	<0.050	<0.300	<10.0	58.8	<10.0	58.8	58.8	1,360
CS40	02/20/2025	0.5	<0.050	<0.300	<10.0	73.0	12.1	73.0	85.1	1,100
~~CS41~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~3.69~~	~~171~~	~~2,800~~	~~342~~	~~**2,970**~~	~~**3,310**~~	~~7,760~~
CS41A	03/02/2026	1	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	655
CS42	02/20/2025	0.5	<0.050	0.861	33.3	824	120	857	977	3,320
CS43	02/20/2025	0.5	<0.050	<0.300	<10.0	59.5	<10.0	59.5	59.5	576
CS44	02/20/2025	0.5	<0.050	<0.300	<10.0	32.2	<10.0	32.2	32.2	496
CS45	02/20/2025	0.5	<0.050	<0.300	<10.0	74.4	<10.0	74.4	74.4	656
CS46	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
CS47	02/20/2025	0.5	<0.050	<0.300	<10.0	58.7	<10.0	58.7	58.7	2,640
CS48	02/20/2025	0.5	<0.050	<0.300	<10.0	831	83.2	831	914	6,640
CS49	02/20/2025	0.5	<0.050	<0.300	<10.0	128	<10.0	128	128	6,600
~~CS50~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~0.713~~	~~159~~	~~2,910~~	~~271~~	~~**3,069**~~	~~**3,340**~~	~~6,900~~
CS50A	03/02/2026	1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	1,400
~~CS51~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~10.1~~	~~397~~	~~3,800~~	~~373~~	~~**4,200**~~	~~**4,570**~~	~~3,440~~
CS51A	02/25/2026	1	<0.00201	<0.00402	<49.9	184	<49.9	184	184	2,990
CS52	02/20/2025	0.5	<0.050	<0.300	<10.0	35.3	<10.0	35.3	35.3	704
CS53	02/20/2025	0.5	<0.050	<0.300	<10.0	19.2	<10.0	19.2	19.2	192
CS54	02/20/2025	0.5	<0.050	<0.300	<10.0	66.7	<10.0	66.7	66.7	640

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XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS55	02/20/2025	0.5	<0.050	<0.300	<10.0	270	26.1	270	296	3,080
CS56	02/20/2025	0.5	<0.050	<0.300	<10.0	326	38.6	326	365	464
CS57	02/20/2025	0.5	<0.050	<0.300	<10.0	46.2	<10.0	46.2	46.2	1,420
CS58	02/20/2025	0.5	<0.050	<0.300	<10.0	15.6	<10.0	15.6	15.6	400
~~CS59~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~145~~	~~<10.0~~	~~145~~	~~145~~	~~720~~
CS59A	02/26/2026	2	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	180
CS60	02/20/2025	0.5	<0.050	<0.300	<10.0	51.7	<10.0	51.7	51.7	704
~~CS61~~	~~02/20/2025~~	~~0.5~~	~~<0.100~~	~~**51.9**~~	~~1030~~	~~3,900~~	~~374~~	~~**4,930**~~	~~**5,300**~~	~~5,280~~
CS61A	02/27/2026	1	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	3,390
~~CS62~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~4.85~~	~~202~~	~~2,810~~	~~288~~	~~**3,010**~~	~~**3,300**~~	~~9,680~~
CS62A	02/27/2026	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	3,220
~~CS63~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~5.78~~	~~221~~	~~2,160~~	~~213~~	~~**2,380**~~	~~**2,590**~~	~~9,000~~
CS63A	03/02/2026	1	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	2,080
~~CS64~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~0.372~~	~~51.4~~	~~1,730~~	~~212~~	~~**1,780**~~	~~1,990~~	~~8,660~~
CS64A	03/02/2026	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1,590
~~CS65~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~6.80~~	~~224~~	~~2,230~~	~~242~~	~~**2,450**~~	~~**2,690**~~	~~11,000~~
CS65A	03/02/2026	1	<0.00198	<0.00396	<50.3	95.1	<50.3	95.1	95.1	1,670
CS66	02/20/2025	0.5	<0.050	1.33	47.5	691	82.0	739	821	3,000
~~CS67~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~14.4~~	~~462~~	~~5,440~~	~~723~~	~~**5,900**~~	~~**6,620**~~	~~15,200~~
CS67A	02/26/2026	1	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	692
~~CS68~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~8.39~~	~~153~~	~~2,550~~	~~363~~	~~**2,700**~~	~~**3,060**~~	~~9,400~~
CS68A	02/27/2026	1	<0.00198	<0.00396	<49.9	435	<49.9	435	435	4,620
~~CS69~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~11.3~~	~~227~~	~~1,700~~	~~194~~	~~**1,930**~~	~~2,120~~	~~3,360~~
CS69A	02/27/2026	1	<0.00200	<0.00400	<50.0	59.4	<50.0	59.4	59.4	2,830
CS70	02/20/2025	0.5	<0.050	0.438	<10.0	55.6	<10.0	55.6	55.6	288
CS71	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS72	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS73	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS74	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS75	02/20/2025	0.5	<0.050	<0.300	<10.0	16.7	<10.0	16.7	16.7	368
CS76	02/20/2025	0.5	<0.050	0.488	19.1	437	37.7	456	494	1,400
CS77	02/20/2025	0.5	<0.050	0.871	<10.0	22.2	<10.0	22.2	22.2	416

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS78	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS79	02/20/2025	0.5	<0.050	4.33	70.9	474	39.3	545	584	1,040
CS80	02/20/2025	0.5	<0.050	<0.300	<10.0	25.7	<10.0	25.7	25.7	1,120
CS81	02/20/2025	0.5	<0.050	<0.300	<10.0	27.6	<10.0	27.6	27.6	1,150
CS82	02/20/2025	0.5	<0.050	<0.300	<10.0	25.2	<10.0	25.2	25.2	2,880
~~CS83~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~2.53~~	~~70.2~~	~~1,360~~	~~133~~	~~**1,430**~~	~~1,560~~	~~8,200~~
~~CS83A~~	~~03/02/2026~~	~~1~~	~~<0.00201~~	~~<0.00402~~	~~<49.9~~	~~1,090~~	~~84.1~~	~~**1,090**~~	~~1,174~~	~~5,730~~
CS83B	03/05/2026	2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	3,970
~~CS84~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~1.73~~	~~40.7~~	~~1,270~~	~~124~~	~~**1,310**~~	~~1,430~~	~~3,600~~
CS84A	03/04/2026	1	<0.00199	0.129	<50.0	370	<50.0	370	370	2,170
CS85	02/20/2025	0.5	<0.050	1.64	32.8	640	57.9	673	731	3,200
CS86	02/20/2025	0.5	<0.050	0.719	<10.0	162	<10.0	162	162	1,880
~~CS87~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~17.6~~	~~617~~	~~5,430~~	~~537~~	~~**6,050**~~	~~**6,590**~~	~~5,520~~
CS87A	03/02/2026	1	<0.00202	0.00409	<50.1	672	50.8	672	723	4,830
~~CS88~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~1.99~~	~~58.3~~	~~970~~	~~96.0~~	~~**1,030**~~	~~1,130~~	~~2,760~~
CS88A	03/02/2026	1	<0.00199	<0.00398	<50.1	224	<50.1	224	224	4,350
~~CS89~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~3.58~~	~~127~~	~~1,280~~	~~122~~	~~**1,410**~~	~~1,530~~	~~4,400~~
CS89A	03/04/2026	1	<0.00202	<0.00404	<49.8	111	<49.8	111	111	1,620
CS90	02/20/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS91	02/20/2025	0.5	<0.050	<0.300	<10.0	13.7	<10.0	13.7	13.7	272
~~CS92~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~1.96~~	~~55.2~~	~~1,450~~	~~191~~	~~**1,510**~~	~~1,700~~	~~6,960~~
CS92A	03/02/2026	1	<0.00202	<0.00404	<49.9	100	<49.9	100	100	3,960
~~CS93~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~9.57~~	~~320~~	~~2,390~~	~~361~~	~~**2,710**~~	~~**3,070**~~	~~2,160~~
CS93A	03/02/2026	1	<0.00199	0.00405	<50.0	120	<50.0	120	120	1,060
CS94	02/20/2025	0.5	<0.050	<0.300	<10.0	44.3	<10.0	44.3	44.3	528
CS95	02/20/2025	0.5	<0.050	0.615	<10.0	274	29.9	274	304	752
~~CS96~~	~~02/20/2025~~	~~0.5~~	~~<0.050~~	~~2.57~~	~~58.3~~	~~2,780~~	~~336~~	~~**2,840**~~	~~**3,180**~~	~~**20,200**~~
CS96A	02/27/2026	1	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	1,380
~~CS97~~	~~02/21/2025~~	~~0.5~~	~~<0.050~~	~~0.673~~	~~29.1~~	~~2,990~~	~~381~~	~~**3,020**~~	~~**3,400**~~	~~17,400~~
CS97A	02/27/2026	1	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	2,240
CS98	02/21/2025	0.5	<0.050	4.62	105	702	59.8	807	867	1,010
CS99	02/21/2025	0.5	<0.050	<0.300	<10.0	111	<10.0	111	111	1,630

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS100	02/21/2025	0.5	<0.050	<0.300	<10.0	991	150	991	1,140	11,600
CS101	02/21/2025	0.5	<0.050	<0.300	<10.0	63.9	<10.0	63.9	63.9	832
CS102	02/21/2025	0.5	<0.050	<0.300	<10.0	188	16.3	188	204	2,080
CS103	02/21/2025	0.5	<0.050	<0.300	<10.0	175	31.6	175	207	1,920
CS104	02/21/2025	0.5	<0.050	<0.300	<10.0	25.8	<10.0	25.8	25.8	592
CS105	02/21/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
CS106	02/21/2025	0.5	<0.050	<0.300	<10.0	170	28.4	170	198	7,330
CS107	02/21/2025	0.5	<0.050	<0.300	<10.0	110	27.8	110	138	976
CS108	02/21/2025	0.5	<0.050	<0.300	<10.0	199	55.5	199	255	2,430
CS109	02/21/2025	0.5	<0.050	<0.300	<10.0	341	62.2	341	403	1,550
CS110	02/21/2025	0.5	<0.050	<0.300	<10.0	275	41.3	275	316	2,840
~~CS111~~	~~02/21/2025~~	~~0.5~~	~~<0.050~~	~~2.76~~	~~206~~	~~2,950~~	~~394~~	~~**3,160**~~	~~**3,550**~~	~~7,360~~
CS111A	02/26/2026	1	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	2,080
CS112	02/21/2025	0.5	<0.050	<0.300	<10.0	137	38.6	137	176	1,040
CS113	02/21/2025	0.5	<0.050	<0.300	<10.0	276	62.9	276	339	2,160
CS114	02/21/2025	0.5	<0.050	<0.300	<10.0	132	38.7	132	171	1,420
CS115	02/21/2025	0.5	<0.050	<0.300	<10.0	756	131	756	887	3,760
CS116	02/21/2025	0.5	<0.050	0.808	60.3	798	101	858	959	2,560
CS117	02/21/2025	0.5	<0.050	<0.300	<10.0	41.1	14.4	41.1	55.5	1,200
CS118	02/21/2025	0.5	<0.050	<0.300	<10.0	35.6	11.3	35.6	46.9	336
CS119	02/21/2025	0.5	<0.050	<0.300	<10.0	47.3	15.6	47.3	62.9	672
~~CS120~~	~~02/21/2025~~	~~0.5~~	~~<0.050~~	~~0.649~~	~~152~~	~~4,380~~	~~560~~	~~**4,530**~~	~~**5,090**~~	~~10,000~~
CS120A	03/09/2026	2	<0.0200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	374
~~CS121~~	~~02/21/2025~~	~~0.5~~	~~<0.050~~	~~2.45~~	~~35.8~~	~~2,060~~	~~320~~	~~**2,100**~~	~~2,420~~	~~3,680~~
CS121A	03/05/2026	2	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	362
~~CS122~~	~~02/21/2025~~	~~0.5~~	~~<0.050~~	~~0.986~~	~~36.0~~	~~2,670~~	~~393~~	~~**2,710**~~	~~**3,103**~~	~~4,800~~
CS122A	03/05/2026	2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	150
~~CS123~~	~~02/21/2025~~	~~0.5~~	~~<0.050~~	~~1.76~~	~~163~~	~~2,250~~	~~228~~	~~**2,410**~~	~~**2,640**~~	~~1,260~~
CS123A	03/05/2026	2	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	294
CS124	02/21/2025	0.5	<0.050	<0.300	<10.0	50.0	<10.0	50.0	50.0	352
CS125	02/21/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS126	02/21/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS127	02/21/2025	0.5	<0.050	<0.300	<10.0	81.7	<10.0	81.7	81.7	64.0
CS128	02/21/2025	0.5	<0.050	<0.300	<10.0	29.3	<10.0	29.3	29.3	128
CS129	02/21/2025	0.5	<0.050	<0.300	<10.0	24.5	<10.0	24.5	24.5	240
CS130	02/21/2025	0.5	<0.050	<0.300	<10.0	10.7	<10.0	10.7	10.7	144
CS131	02/21/2025	0.5	<0.050	<0.300	<10.0	12.9	<10.0	12.9	12.9	272
CS132	02/21/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS133	02/21/2025	0.5	<0.050	<0.300	<10.0	47.2	<10.0	47.2	47.2	352
CS134	02/21/2025	0.5	<0.050	<0.300	<10.0	347	44.5	347	392	1,680
CS135	02/21/2025	0.5	<0.050	<0.300	<10.0	50.2	<10.0	50.2	50.2	336
CS136	02/21/2025	0.5	<0.050	<0.300	<10.0	815	120	815	935	2,760
Confimation Floor Soil Samples										
~~FS01~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~24.6~~	~~620~~	~~7,920~~	~~1,080~~	**~~8,540~~**	**~~9,620~~**	~~944~~
FS01A	03/05/2026	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	41.2
~~FS02~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~8.44~~	~~218~~	~~4,080~~	~~574~~	**~~4,300~~**	**~~4,870~~**	~~1,200~~
FS02A	03/09/2026	2	<0.00199	<0.00398	<50.2	76.2	<50.2	76.2	76.2	17.9
~~FS03~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~6.80~~	~~252~~	~~4,090~~	~~558~~	**~~4,340~~**	**~~4,900~~**	~~1,340~~
FS03A	03/09/2026	2	<0.00198	<0.00396	<49.9	186	<49.9	186	186	15.0
~~FS04~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~12.9~~	~~330~~	~~2,850~~	~~377~~	**~~3,180~~**	**~~3,560~~**	~~640~~
FS04A	03/09/2026	2	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<9.96
~~FS05~~	~~02/17/2025~~	~~1~~	~~<0.200~~	**~~62.7~~**	~~1080~~	~~5,520~~	~~649~~	**~~6,600~~**	**~~7,250~~**	~~368~~
FS05A	03/09/2026	2	<0.00201	<0.00402	<49.9	55.6	<49.9	55.6	55.6	10.0
FS06	02/17/2025	1	<0.050	0.766	24.2	625	82.1	649	731	192
FS07	02/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS08	02/17/2025	1	<0.050	0.662	27.9	709	78.7	737	816	288
FS09	02/17/2025	1	<0.050	<0.300	16.1	464	50.4	480	530	320
FS10	02/17/2025	1	<0.050	3.29	72.4	770	81.3	842	923	784
~~FS11~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~11.1~~	~~268~~	~~4,430~~	~~602~~	**~~4,700~~**	**~~5,300~~**	~~4,400~~
FS11A	03/03/2026	2	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	412
~~FS12~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~2.45~~	~~75.4~~	~~2,210~~	~~320~~	**~~2,290~~**	**~~2,610~~**	~~1,620~~
FS12A	03/03/2026	2	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	44.5
~~FS13~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~0.335~~	~~14.8~~	~~1,270~~	~~189~~	**~~1,280~~**	~~1,470~~	~~400~~
FS13A	03/03/2026	2	<0.00199	<0.00398	<50.0	50.1	<50.0	50.1	50.1	92.4

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Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~FS14~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~0.684~~	~~21.9~~	~~1,900~~	~~267~~	~~**1,920**~~	~~2,190~~	~~3,360~~
FS14A	03/03/2026	2	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	228
~~FS15~~	~~02/17/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~120~~	~~15.6~~	~~120~~	~~136~~	~~768~~
FS15A	03/03/2026	2	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	44.5
~~FS16~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~0.529~~	~~20.6~~	~~625~~	~~57.8~~	~~646~~	~~704~~	~~256~~
FS16A	03/03/2026	2	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	81.8
~~FS17~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~5.68~~	~~154~~	~~2,140~~	~~272~~	~~**2,300**~~	~~**2,570**~~	~~400~~
FS17A	03/03/2026	2	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	73.6
~~FS18~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~11.4~~	~~332~~	~~2,880~~	~~358~~	~~**3,210**~~	~~**3,570**~~	~~512~~
FS18A	03/03/2026	2	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	22.5
~~FS19~~	~~02/18/2025~~	~~1~~	~~<0.100~~	~~33.8~~	~~592~~	~~4,540~~	~~543~~	~~**5,130**~~	~~**5,670**~~	~~144~~
FS19A	03/03/2026	2	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	25.8
~~FS20~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~2.59~~	~~45.5~~	~~985~~	~~121~~	~~**1,030**~~	~~1,150~~	~~384~~
FS20A	03/03/2026	2	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	32.9
~~FS21~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~12.0~~	~~304~~	~~3,350~~	~~431~~	~~**3,660**~~	~~**4,090**~~	~~1,580~~
FS21A	03/03/2026	2	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	53.2
~~FS22~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~0.406~~	~~34.3~~	~~1,500~~	~~202~~	~~**1,530**~~	~~1,730~~	~~560~~
FS22A	03/03/2026	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	156
~~FS23~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~0.93~~	~~48.7~~	~~1,560~~	~~196~~	~~**1,610**~~	~~1,800~~	~~464~~
FS23A	03/06/2026	2	<0.00198	<0.00396	<49.8	96.5	<49.8	96.5	96.5	14.0
~~FS24~~	~~02/18/2025~~	~~1~~	~~<0.050~~	~~2.26~~	~~86.7~~	~~1,220~~	~~153~~	~~**1,310**~~	~~1,463~~	~~240~~
FS24A	03/05/2026	2	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	22.6
~~FS25~~	~~02/18/2025~~	~~1~~	~~<0.200~~	~~49.3~~	~~995~~	~~4,960~~	~~547~~	~~**5,960**~~	~~**6,500**~~	~~1,550~~
FS25A	03/05/2026	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	59.9
~~FS26~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~2.59~~	~~82.0~~	~~1,640~~	~~211~~	~~**1,720**~~	~~1,930~~	~~272~~
FS26A	03/06/2026	2	<0.00200	<0.00399	<50.2	87.6	<50.2	87.6	87.6	37.2
~~FS27~~	~~02/19/2025~~	~~1~~	~~<0.100~~	~~36.3~~	~~578~~	~~3,220~~	~~379~~	~~**3,800**~~	~~**4,180**~~	~~416~~
FS27A	03/06/2026	2	<0.00201	<0.00402	<50.5	<50.5	<50.5	<50.5	<50.5	30.5
FS28	02/19/2025	1	<0.050	<0.300	<10.0	421	46.2	421	467	128
FS29	02/19/2025	1	<0.050	<0.300	<10.0	16.0	<10.0	16.0	16.0	48.0
FS30	02/19/2025	1	<0.050	<0.300	13.5	838	103	852	955	112
FS31	02/19/2025	1	<0.050	0.618	17.3	683	71.5	700	772	304

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~FS33~~	~~02/19/2025~~	~~1~~	~~<0.100~~	~~39.0~~	~~544~~	~~3,240~~	~~371~~	~~**3,781**~~	~~**4,150**~~	~~544~~
FS33A	02/24/2026	2	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	12.6
~~FS34~~	~~02/19/2025~~	~~1~~	~~<0.100~~	~~36.0~~	~~450~~	~~2,640~~	~~306~~	~~**3,090**~~	~~**3,400**~~	~~672~~
FS34A	03/05/2026	2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	101
FS35	02/19/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS36	02/19/2025	1	<0.050	<0.300	<10.0	313	38.8	313	352	144
FS37	02/19/2025	1	<0.050	<0.300	<10.0	207	17.7	207	225	192
~~FS38~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~4.89~~	~~108~~	~~1,750~~	~~234~~	~~**1,860**~~	~~2,090~~	~~1,180~~
FS38A	02/24/2026	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	132
~~FS39~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~1.61~~	~~49.2~~	~~1,850~~	~~237~~	~~**1,900**~~	~~2,140~~	~~1,600~~
FS39A	02/25/2026	2	<0.00202	<0.00404	<50.0	97.9	<50.0	97.9	97.9	40.6
FS40	02/19/2025	1	<0.050	<0.300	<10.0	356	48.6	356	405	128
~~FS41~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~13.7~~	~~264~~	~~1,360~~	~~146~~	~~**1,630**~~	~~1,780~~	~~192~~
FS41A	03/06/2026	2	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	26.7
~~FS42~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~5.53~~	~~678~~	~~3,460~~	~~404~~	~~**4,140**~~	~~**4,540**~~	~~1,400~~
FS42A	03/05/2026	2	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	64.9
~~FS43~~	~~02/19/2025~~	~~1~~	~~<0.500~~	~~**59.4**~~	~~987~~	~~8,690~~	~~1,000~~	~~**9,680**~~	~~**10,680**~~	~~2,480~~
FS43A	03/05/2026	2	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	80.9
FS44	02/19/2025	1	<0.050	<0.300	<10.0	105	18.5	105	124	208
FS45	02/19/2025	1	<0.050	<0.300	<10.0	121	11.3	121	132	416
~~FS46~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~0.46~~	~~22.0~~	~~988~~	~~131~~	~~**1,010**~~	~~1,140~~	~~528~~
FS46A	02/25/2026	2	<0.00199	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	166
~~FS47~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~2.52~~	~~130~~	~~3,130~~	~~311~~	~~**3,260**~~	~~**3,570**~~	~~1,360~~
FS47A	02/24/2026	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	48.0
~~FS48~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~1,470~~	~~170~~	~~**1,470**~~	~~1,640~~	~~960~~
FS48A	02/25/2026	2	<0.00198	<0.00396	<50.3	<50.3	<50.3	<50.3	<50.3	171
~~FS49~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~1,140~~	~~136~~	~~**1,140**~~	~~1,280~~	~~3,200~~
FS49A	02/25/2026	2	<0.00202	<0.00404	<49.6	<49.6	<49.6	<49.6	<49.6	179
~~FS50~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~0.871~~	~~40.4~~	~~1,180~~	~~132~~	~~**1,220**~~	~~1,350~~	~~2,040~~
FS50A	02/26/2026	2	<0.00199	<0.00398	<49.5	<49.5	<49.5	<49.5	<49.5	168
FS51	02/19/2025	1	<0.050	<0.300	<10.0	293	47.6	293	341	896
FS52	02/19/2025	1	<0.050	<0.300	<10.0	817	113	817	930	752

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TABLE 1
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Poker Lake Unit 30-19 BS 154H
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~FS53~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~1,860~~	~~222~~	~~**1,860**~~	~~2,080~~	~~1,220~~
FS53A	03/05/2026	2	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	477
~~FS54~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~1,150~~	~~130~~	~~**1,150**~~	~~1,280~~	~~496~~
FS54A	03/09/2026	2	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	129
~~FS55~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~3.86~~	~~172~~	~~1,960~~	~~207~~	~~**2,130**~~	~~2,340~~	~~1,620~~
FS55A	03/05/2026	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	357
FS56	02/19/2025	1	<0.050	0.445	13.3	656	92.2	669	761	848
FS57	02/19/2025	1	<0.050	<0.300	<10.0	54.1	<10.0	54.1	54.1	1,330
~~FS58~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~0.384~~	~~36.3~~	~~1,480~~	~~173~~	~~**1,520**~~	~~1,690~~	~~4,000~~
FS58A	02/25/2026	2	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	462
FS59	02/19/2025	1	<0.050	<0.300	<10.0	502	85.1	502	587	6,480
~~FS60~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~21.2~~	~~442~~	~~5,710~~	~~712~~	~~**6,150**~~	~~**6,860**~~	~~8,720~~
FS60A	02/25/2026	2	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	142
~~FS61~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~0.424~~	~~20.2~~	~~1,190~~	~~134~~	~~**1,210**~~	~~1,340~~	~~2,920~~
FS61A	02/25/2026	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	219
FS62	02/19/2025	1	<0.050	<0.300	<10.0	101	<10.0	101	101	240
FS63	02/19/2025	1	<0.050	<0.300	<10.0	28.7	<10.0	28.7	28.7	384
FS64	02/19/2025	1	<0.050	<0.300	<10.0	669	82.8	669	752	1,760
FS66	02/19/2025	1	<0.050	<0.300	<10.0	30.3	<10.0	30.3	30.3	320
FS67	02/19/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS68	02/19/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
FS69	02/19/2025	1	<0.050	<0.300	<10.0	128	<10.0	128	128	1,740
~~FS70~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~5.96~~	~~270~~	~~2,430~~	~~248~~	~~**2,700**~~	~~**2,950**~~	~~2,960~~
FS70A	02/25/2026	2	<0.00198	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	195
FS71	02/19/2025	1	<0.050	<0.300	<10.0	794	108	794	902	2,960
~~FS72~~	~~02/19/2025~~	~~1~~	~~<0.050~~	~~14.1~~	~~393~~	~~4,570~~	~~584~~	~~**4,960**~~	~~**5,540**~~	~~7,300~~
FS72A	02/25/2026	2	<0.00200	<0.00400	<49.8	55.0	<49.8	55.0	55.0	497
~~FS73~~	~~02/19/2025~~	~~1~~	~~<0.100~~	~~34.0~~	~~554~~	~~5,410~~	~~698~~	~~**5,960**~~	~~**6,660**~~	~~6,160~~
FS73A	02/25/2026	2	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	81.7
FS74	02/26/2026	2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	280
FS75	03/03/2026	2	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	941

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XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~FS76~~	~~03/04/2026~~	~~1~~	~~<0.00200~~	~~<0.00399~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~1,340~~
FS76	03/06/2026	2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	142
~~FS77~~	~~03/04/2026~~	~~1~~	~~<0.00201~~	~~<0.00402~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~3,810~~
FS77	03/06/2026	2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	95.9
~~FS78~~	~~03/04/2026~~	~~1~~	~~<0.00202~~	~~<0.00404~~	~~<49.8~~	~~353~~	~~<49.8~~	~~353~~	~~353~~	~~5,960~~
FS78A	03/09/2026	2	<0.00199	<0.00398	<50.0	95.0	<50.0	95.0	95.0	4,570
FS79	03/04/2026	1	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	2,010
FS80	03/04/2026	1	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	2,210
FS81	03/04/2026	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	333
FS82	04/21/2026	2	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	136
FS83	04/22/2026	2	<0.00200	<0.00399	<49.8	566	<49.8	566	566	2,390
FS84	05/20/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS85	05/20/2026	0.5	<0.050	<0.300	<10.0	86.8	17.0	86.8	104	704
FS86	05/20/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
Confimation Sidewall Soil Samples										
~~SW01~~	~~02/21/2025~~	~~0-1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~713~~	~~105~~	~~713~~	~~818~~	~~1,800~~
~~SW02~~	~~02/21/2025~~	~~0-1~~	~~<0.050~~	~~2.16~~	~~155~~	~~4,090~~	~~426~~	~~**4,250**~~	~~**4,680**~~	~~4,560~~
~~SW03~~	~~02/21/2025~~	~~0-1~~	~~<0.050~~	~~1.14~~	~~48.3~~	~~2,880~~	~~433~~	~~**2,930**~~	~~**3,360**~~	~~3,680~~
~~SW04~~	~~02/21/2025~~	~~0-1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~2,090~~	~~347~~	~~**2,090**~~	~~2,440~~	~~2,200~~
SW05	02/21/2025	0-1	<0.050	<0.300	<10.0	188	28.1	188	216	144
~~SW06~~	~~02/21/2025~~	~~0-1~~	~~<0.050~~	~~30.3~~	~~751~~	~~10,700~~	~~1,440~~	~~**11,500**~~	~~**12,940**~~	~~496~~
~~SW07~~	~~02/21/2025~~	~~0-1~~	~~<0.050~~	~~1.47~~	~~58.2~~	~~5,660~~	~~825~~	~~**5,720**~~	~~**6,550**~~	~~5,520~~
SW08	02/27/2026	0-2	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	282
SW09	03/02/2026	1-2	<0.00200	<0.00400	<50.3	<50.3	<50.3	<50.3	<50.3	53.7
SW10	03/02/2026	1-2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	525
SW11	03/02/2026	1-2	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	899
SW12	03/04/3036	0-2	<0.00200	<0.00401	<49.8	182	<49.8	182	182	2,020
SW13	03/04/2026	0-1	<0.00201	<0.00402	<49.9	421	<49.9	421	421	786
SW14	03/04/2026	0-1	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	1,280
SW15	03/04/2026	0-1	<0.00200	<0.00399	<50.1	418	<50.1	418	418	4,800
SW16	03/04/2026	0-1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	3,100
SW17	03/03/2026	0-2	<0.00200	<0.00401	<50.2	<50.2	<50.2	<50.2	<50.2	674

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Poker Lake Unit 30-19 BS 154H
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Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
SW18	03/06/2026	1-2	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	139
SW19	03/06/2026	0-2	<0.00201	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	174
SW20	03/06/2026	0-2	<0.00200	<0.00399	<50.3	<50.3	<50.3	<50.3	<50.3	359
SW21	03/06/2026	0-2	<0.00198	<0.00396	<50.0	273	<50.0	273	273	59.9
SW22	03/06/2026	1-2	<0.00200	<0.00400	<49.9	59.6	<49.9	59.6	59.6	56.9
SW23	03/06/2026	1-2	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	252
SW24	03/06/2026	0-2	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	36.3
SW25	03/06/2026	0-2	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	102
SW26	03/06/2026	0-2	<0.00198	<0.00396	<50.2	<50.2	<50.2	<50.2	<50.2	93.9
SW27	02/25/2026	0-2	<0.00200	<0.00399	<49.9	508	186	508	694	362
SW28	02/24/2026	0-2	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	33.3
SW29	03/09/2026	0-2	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	69.2
SW30	03/09/2026	1-2	<0.00201	<0.00402	<49.9	125	<49.9	125	125	80.5
SW31	03/09/2026	0-2	<0.00201	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	67.2
SW32	03/09/2026	0-2	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	23.4
SW33	04/21/2026	0-2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	67.7
SW34	04/21/2026	0-2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	21.2
SW35	04/22/2026	0-2	<0.00201	<0.00402	<50.2	114	<50.2	114	114	950
SW36	04/21/2026	1-2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	544
SW37	04/21/2026	0-2	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	303
SW38	05/20/2026	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
SW39	05/20/2026	0-0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
SW40	05/20/2026	0-0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320

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

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

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ENSOLUM

APPENDIX A

Referenced Well Record

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
C-4624 POD 1		C-4624

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO ENERGY INC	432-236-3808

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6401 HOLIDAY HILL ROAD	MIDLAND	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	6	5.66	N
	LONGITUDE	-103	49	5.79	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

ON POKER LAKE UNIT 30 BS # 103H PAD

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1184	RUSSELL SOUTHERLAND	WEST TEXAS WATER WELL SERVICE

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
06/22/22	06/22/22	120		

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			NO CASING IN HOLE				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

OSE DIT JUL 25 2022 PM 1:54

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-4624-POD1	POD NO. POD1	TRN NO. 726169	
LOCATION 25S.31E.30.4.4.1		WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	17		CALACHIE	Y ✓ N	
17	30		SAND	Y ✓ N	
30	40		SAND, SMALL GRAVEL	Y ✓ N	
40	95		SAND	Y ✓ N	
95	120		SANDSTONE, SAND	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DRY HOLE

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: THE BORING WILL BE SECURED AND LEFT OPEN FOR 72 HOURS AT WHICH TIME, XTO WILL ASSESS FOR THE PRESENCE OR ABSENCE OF GROUNDWATER. XTO WILL BACKFILL THE BORING FOLLOWING NMOSE ABANDONMENT PROCEDUCES FOR SOIL BORING.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

RUSSELL SOUTHERLAND

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

Russell Southerland — RUSSELL SOUTHERLAND Russell Southerland — 06/22/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

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

ENSOLUM

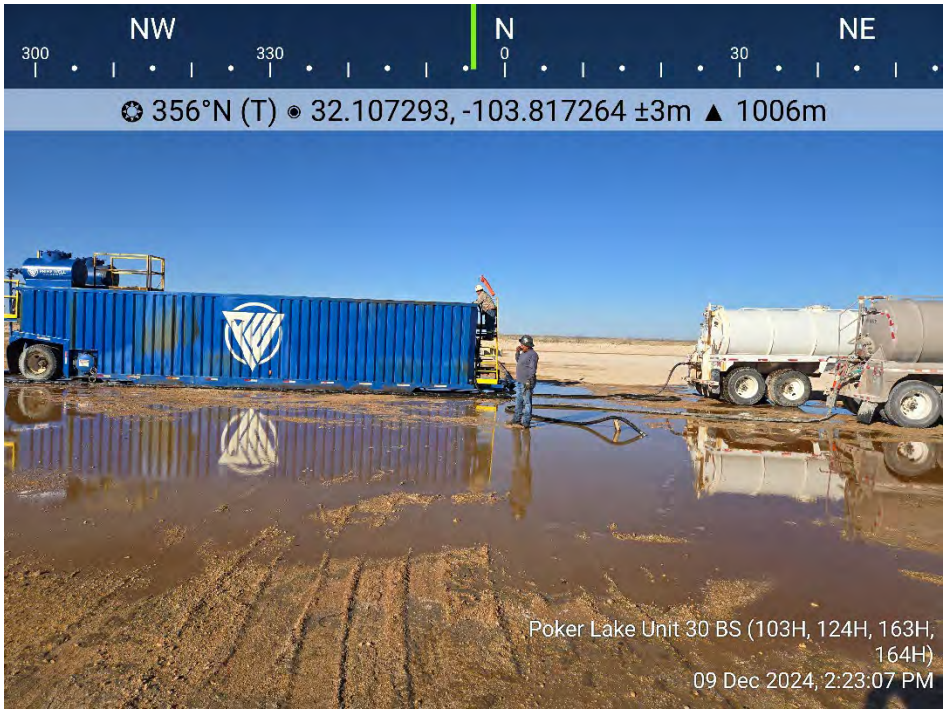
APPENDIX B

Photographic Log

ENSOLUM

Photographic Log

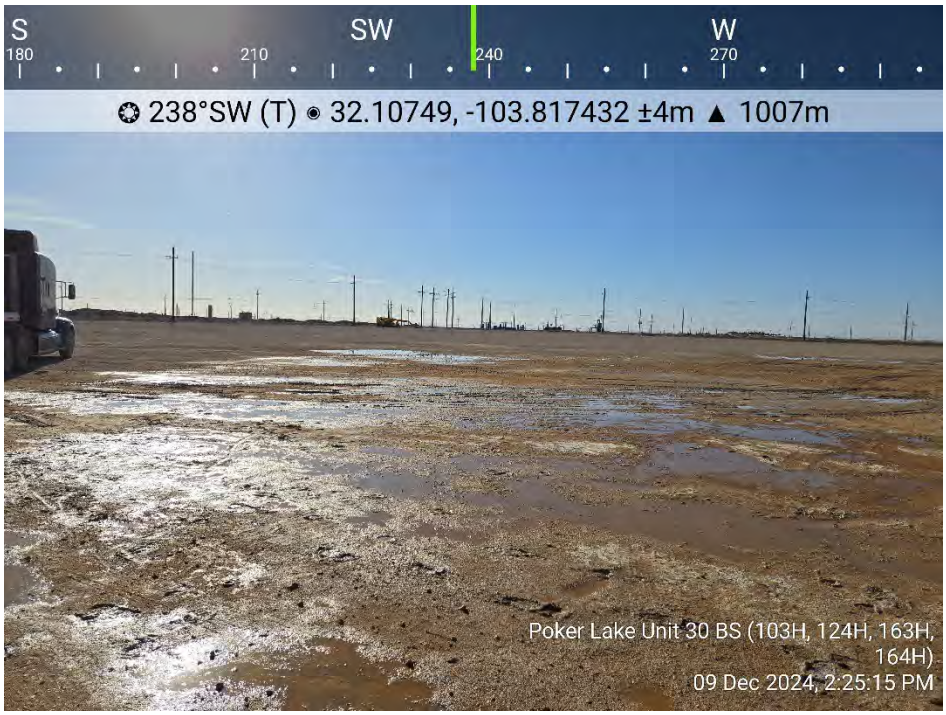
XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 1	Date 12/09/2024	
Description Release area, initial response activities		
View West-Northwest		
Photograph 2	Date 12/09/2024	
Description Release area, initial response activities		
View North		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 3	Date 12/09/2026	
Description: Initial release area		
View: Southwest		
Photograph 4	Date 12/09/2024	
Description: Initial release area		
View: Northeast		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 5	Date 12/09/2026	
Description: Initial release area, initial response activities		
View: Southeast		
Photograph 6	Date 12/09/2024	
Description: Initial release area, initial response activities		
View: Southeast		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 7	Date 12/17/2026	
Description Delineation activities, PH08		
View West		
Photograph 8	Date 12/17/2024	
Description Delineation activities, PH02		
View East		

ENSOLUM

Photographic Log

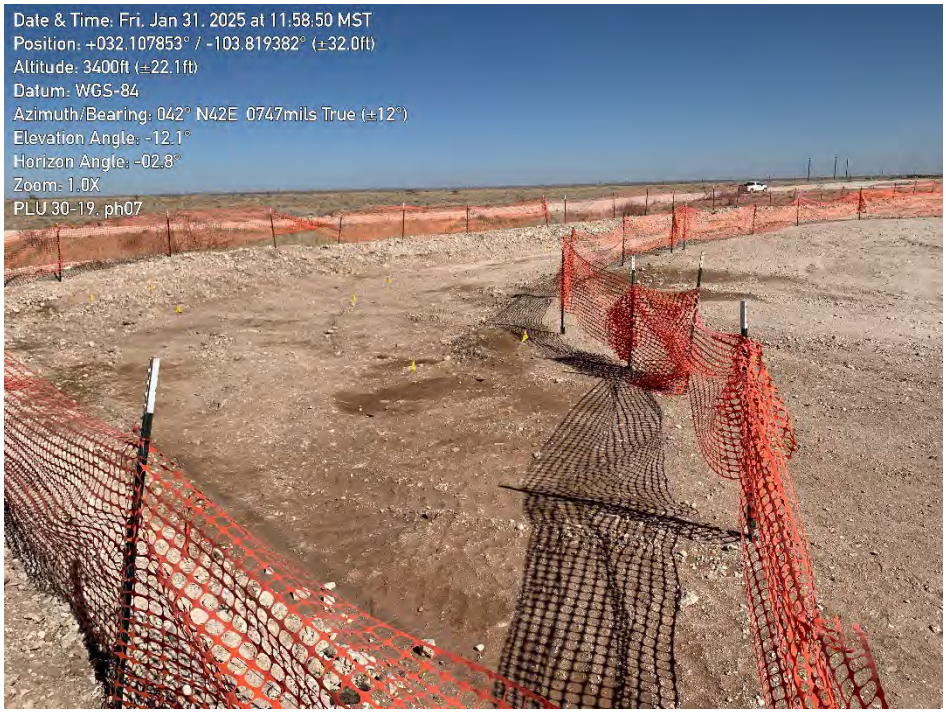
XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 9	Date 12/17/2026	
Description Delineation activities, PH08		
View Northwest		
Photograph 10	Date 12/17/2024	
Description Delineation activities, PH07		
View South		

ENSOLUM

Photographic Log

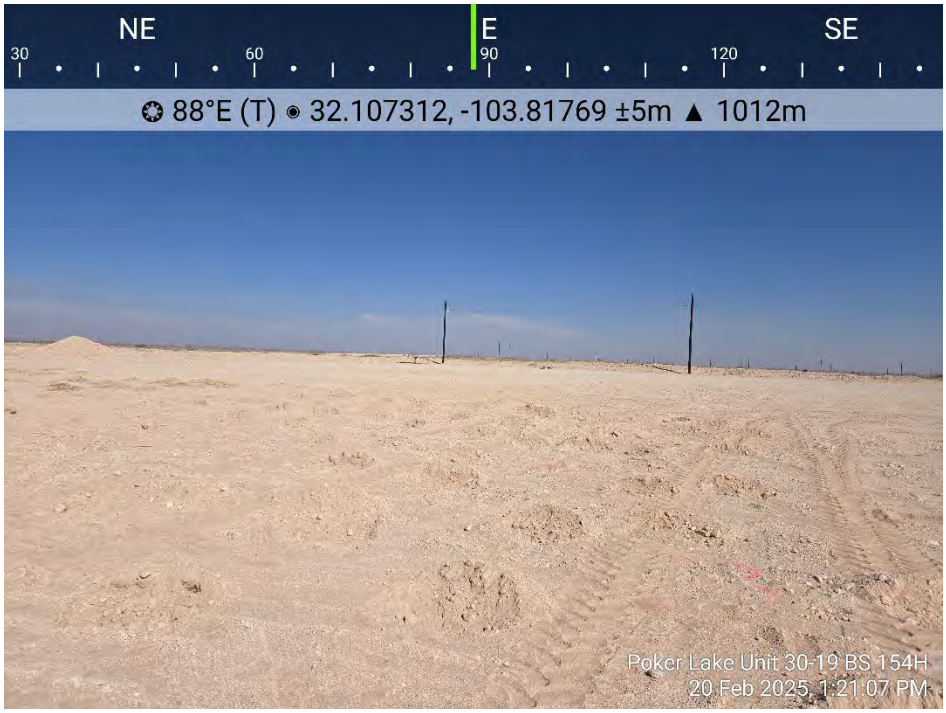
XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 11	Date 01/31/2025	
Description Excavation, FS02 area		
View Northeast		
Photograph 12	Date 01/31/2025	
Description Excavation, FS08 area		
View South		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 13	Date 02/20/2025	
Description: Confirmation sampling activities; near CS57		
View: East		

Photograph 14	Date 02/21/2025	
Description: Confirmation sampling activities; near CS134		
View: West		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 15	Date 09/24/2025	
Description Delineation activities, PH07		
View South		
Photograph 16	Date 09/24/2025	
Description Delineation activities, PH09		
View Northwest		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph	Date	
17	02/24/2026	
Description: Excavation activities, near FS35		
View: Southwest		

Photograph	Date	
18	02/24/2026	
Description: Excavation activities, near FS58		
View: West		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph	Date
19	02/25/2026



Description
Excavation activities, near FS70

View
Southwest-West

Photograph	Date
20	02/27/2026



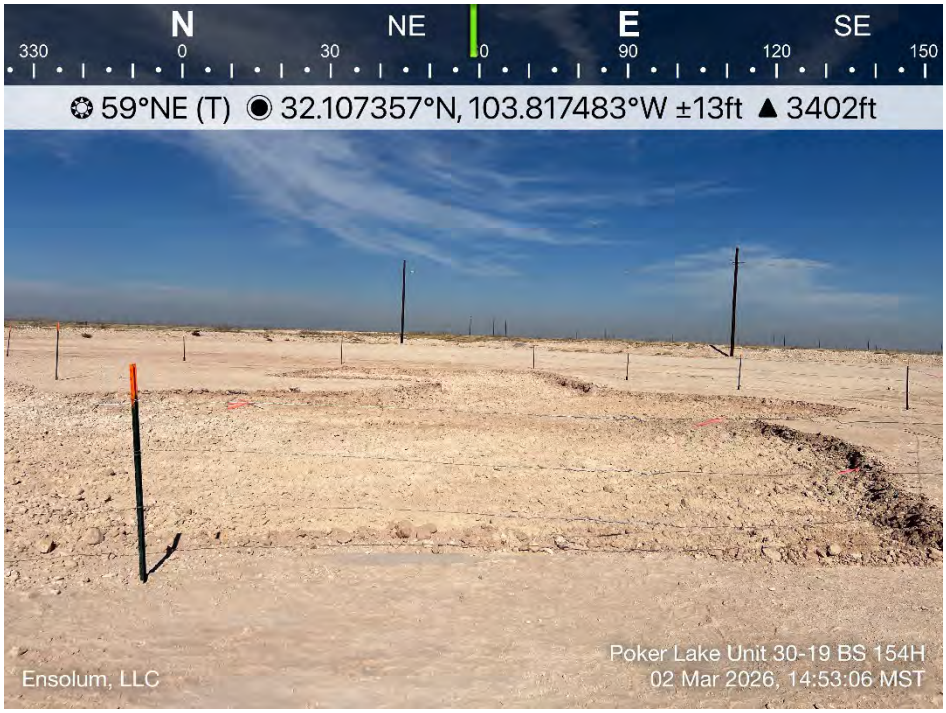
Description
Excavation activities, near CS87

View
North

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

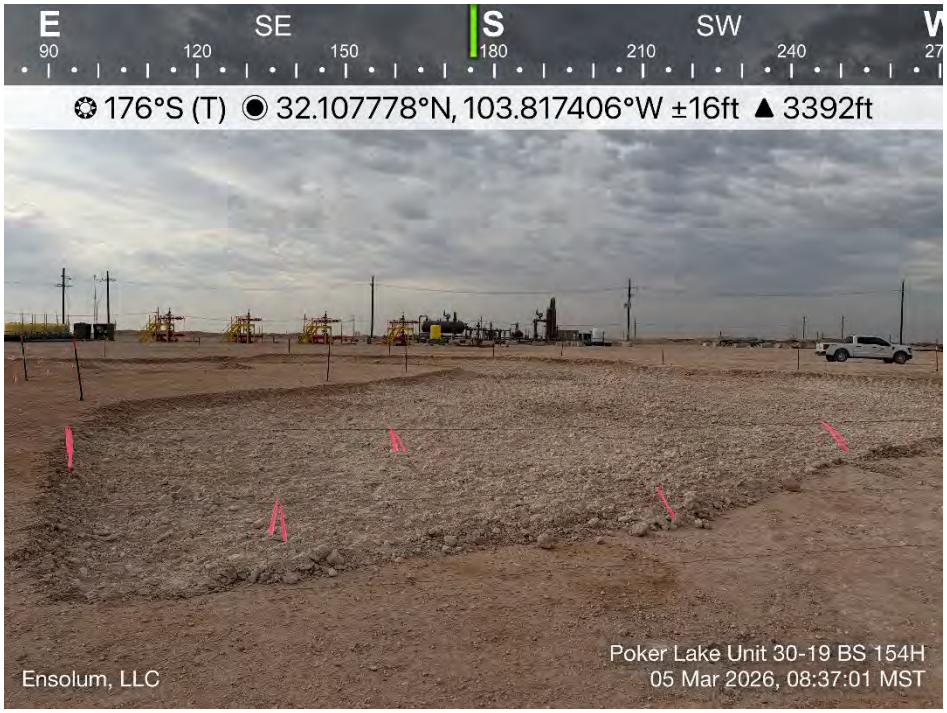
Photograph	Date	
21	03/02/2026	
Description: Excavation activities, near CS84		
View: Northeast		

Photograph	Date	
22	03/03/2026	
Description: Excavation activities, near CS111		
View: South		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

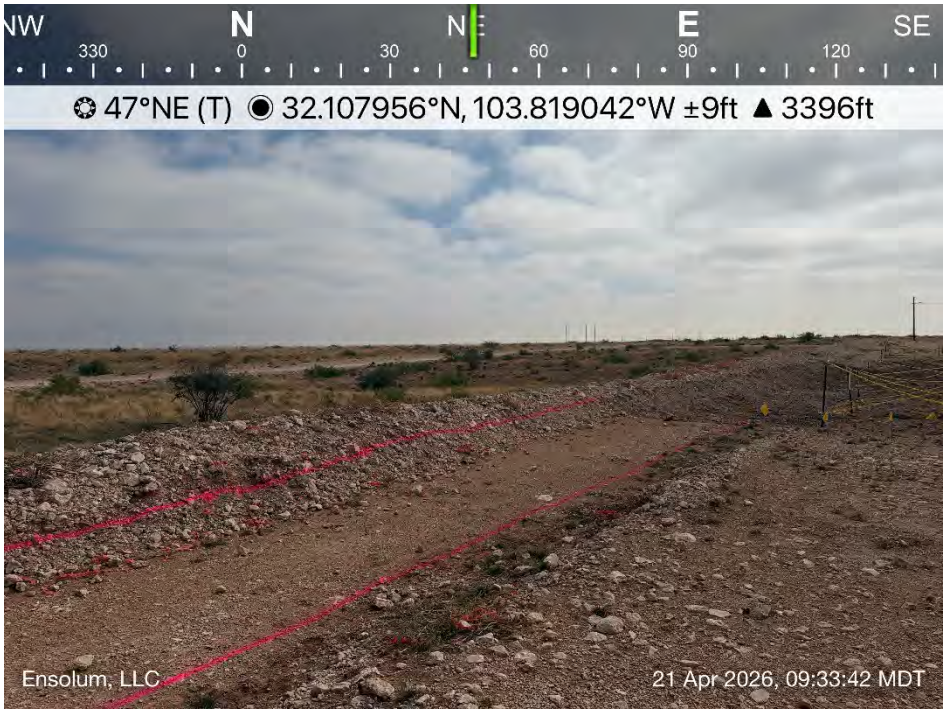
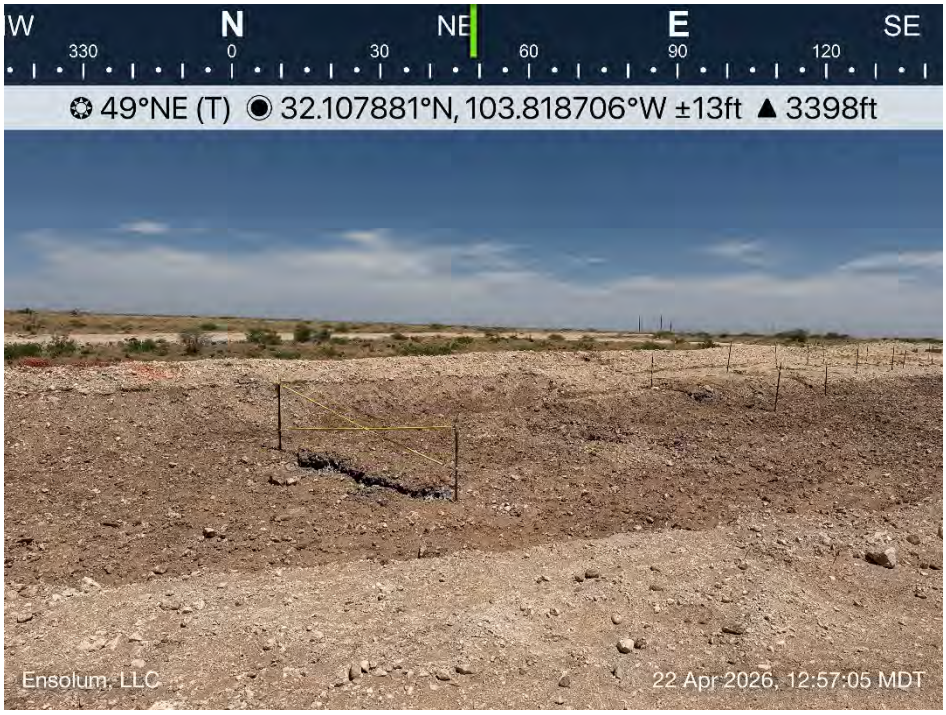
Photograph 23	Date 03/05/2026	
Description Excavation activities, near CS111		
View South		

Photograph 24	Date 03/09/2026	
Description Excavation activities, near CS85		
View West		

ENSOLUM

Photographic Log

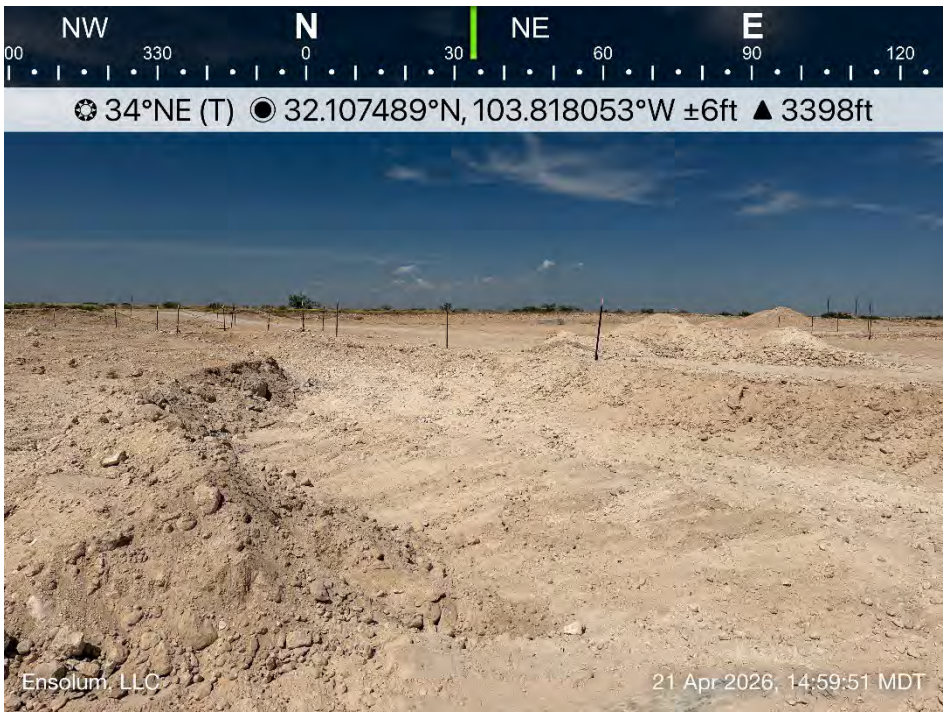
XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 25	Date 04/21/2026	
Description: Excavation activities, before sidewall extension, near SW07		
View: Northeast		
Photograph 26	Date 04/22/2026	
Description: Excavation activities, post sidewall extension, near SW17		
View: Northeast		

ENSOLUM

Photographic Log

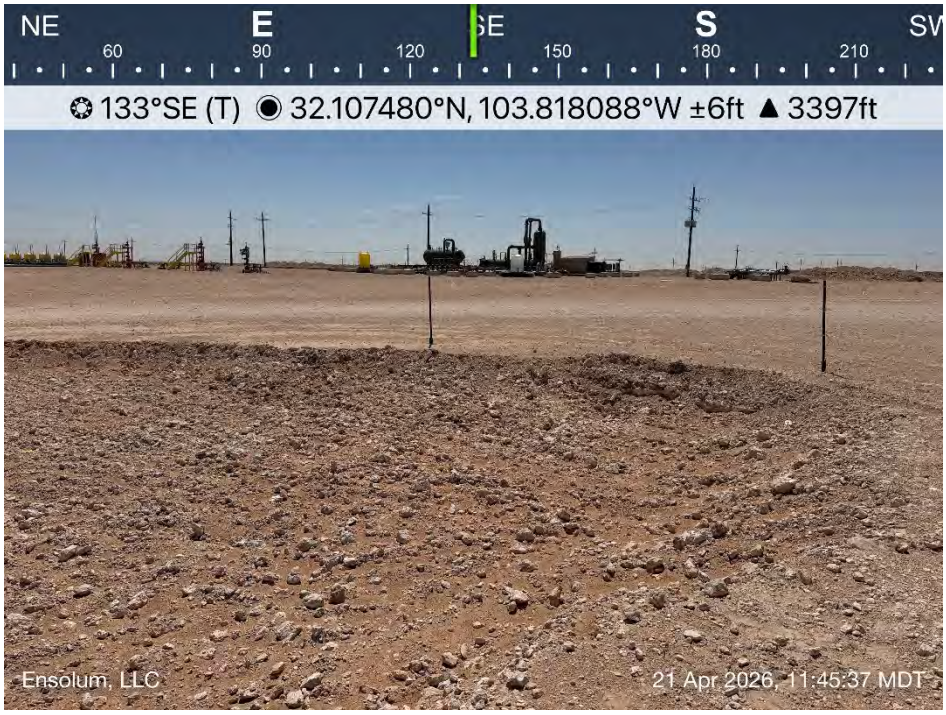
XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 27	Date 04/21/2026	
Description: Excavation activities, before sidewall extension, near SW02		
View: Southeast		
Photograph 28	Date 04/21/2026	
Description: Excavation activities, post sidewall extension, near SW35		
View: Northeast		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 29	Date 04/21/2026	
Description: Excavation activities, before sidewall extension, near SW03		
View: Southeast		
Photograph 30	Date 04/21/2026	
Description: Excavation activities, post sidewall extension, near SW27		
View: Southeast		

ENSOLUM

Photographic Log

XTO Energy, Inc
Poker Lake Unit 30-19 BS 154H
nAPP2434530896

Photograph 31	Date 05/20/2026
Description: Excavation activities, near FS84 and FS85	
View: Northwest	



Photograph 32	Date 05/20/2026
Description: Excavation activities, near FS86	
View: Northeast	



ENSOLUM

APPENDIX C

Lithologic Soil Sampling Logs

ENSOLUM

	Sample Name: PH01	Date: 12/16/2024
	Site Name: PLU 30-19 BS 154H	
	Incident Number: nAPP2434530896	
	Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Excavator
Coordinates: 32.107367, -103.817248	Hole Diameter: 3'	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-5') CALICHE, well graded, fine to gravel size grain, tan sand with little silt, strong odor.
M	9,279	428.0	Y	PH01	0.5			
M	13,653	600.0	Y	PH01A	1	1		
D	5,443	428.0	Y	PH01B	2	2		
					3	3		
D	610	8.8	N		4	4		
D	196	0.9	N	PH01C	5	5		

Total Depth at 5 feet bgs.

ENSOLUM

	Sample Name: PH02	Date: 12/16/2024
	Site Name: PLU 30-19 BS 154H	
	Incident Number: nAPP2434530896	
	Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Excavator
Coordinates: 32.108324, -103.817173	Hole Diameter: 3'	Total Depth: 6'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-3') CALICHE, coarse tan sand with some silt, well graded, faint odor.
M	10,007	1.8	Y	PH02	0.5			CALICHE, tan sand with some silt, poorly graded, faint odor.
D	5,443	1.8	N		1	1		no odor.
D	1,266	0.0	N		2	2		
D	2,654	0.0	N		3	3	CCHE	(3-6') CALICHE, fine to medium grain, tan sand, well graded, with some silt, no odor.
D	1,478	0.0	N	PH02A	4	4		
					5	5		
D	319.2	0.0	N	PH02B	6	6		

Total Depth @ 6 feet bgs

ENSOLUM

	Sample Name: PH03	Date: 12/16/2024
	Site Name: PLU 30-19 BS 154H	
	Incident Number: nAPP2434530896	
	Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: CW	Method: Excavator
Coordinates: 32.107437, -103.817743	Hole Diameter: 3'	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-4') CALICHE, tan, fine grained, moderately consolidated, some silt, mild H/C odor.
M	4,838	743	Y	PH03	0.5			
M	-	656	Y		1	1		
D	-	379	N		2	2		
D	-	12.6	N	PH03A	3	3		
D	-	10.1	N	PH03B	4	4		
Total Depth @ 4 feet bgs								

ENSOLUM

	Sample Name: PH04	Date: 12/16/2024
	Site Name: PLU 30-19 BS 154H	
	Incident Number: nAPP2434530896	
	Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: CW	Method: Excavator
Coordinates: 32.108394, -103.817785	Hole Diameter: 3'	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-5') CALICHE, tan, fine grained, moderately consolidated, some silt, no odor.
D	4,838	21.3	Y	PH04	0.5			
D	-	11.5	N	PH04A	1	1		
D	-	6.6	N	PH04B	2	2		
D	-	24.3	N	PH04C	3	3		
D	-	8.2	N	PH04D	4	4		
D	<168	0.6	N	PH04E	5	5		

Total Depth @ 5 feet bgs

ENSOLUM

Sample Name:PH05	Date: 12/16/2024	
Site Name: PLU 30-19 BS 154H		
Incident Number: nAPP2434530896		
Job Number: 03C1558583		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US/CW	Method: Excavator
Coordinates: 32.108340, -103.817309	Hole Diameter: 3'	Total Depth: 9'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-9') CALICHE, fine to medium grain, with some silt, moderatly consolidated, mild H/C odor.
M	1,842	56.2	Y	PH05	0.5			
M	1,266	461	Y	PH05A	1	1		
D	<168	10.1	N	PH05B	2	2		(2-6') No odor.
D	<168	15.8	N	PH05C	3	3		
D	-	53.0	N	PH05D	4	4		
D	-	73.0	N	PH05E	5	5		
D	-	344	N	PH05F	6	6		(6-9') Strong odor.
D	-	195	N	PH05G	7	7		
D	-	45.2	N	PH05H	8	8		
D	274	1.9	N	PH05I	9	9		(@9') No odor.

Total Depth @ 9 feet bgs

ENSOLUM

	Sample Name: PH06	Date: 12/17/2024
	Site Name: PLU 30-19 BS 154H	
	Incident Number: nAPP2434530896	
	Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Excavator
Coordinates: 32.108433, -103.818122	Hole Diameter: 3'	Total Depth: 14'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-4') CALICHE, trace fine dark sand with few silt, well consolidated, strong H/C odor.
M	1,266	391	Y	PH06	0.5			
M	-	55.7	Y		1	1		
M	515.2	376	Y	PH06B	2	2		trace silt, strong odor
D	-	103	N		3	3		Strong odor.
D	162.4	124	N	PH06D	4	4	CCHE	(4-14') CALICHE, tan, fine to coarse grain, with silt, well sorted, odor.
D	-	5.8	N		5	5		No odor.
D	<162.4	22.3	N	PH06F	6	6		trace odor.
D	-	120	N		7	7		Strong odor.
D	<162.4	12.0	N	PH06H	8	8		No odor
D	-	5.5	N		9	9		
D	<162.4	77.5	N	PH06J	10	10		
D	-	76.0	N		12	12		
D	274	3.4	N	PH06L	14	14		

Total Depth @ 14 feet bgs

ENSOLUM

	Sample Name: PH07	Date: 12/17/2024
	Site Name: PLU 30-19 BS 154H	
	Incident Number: nAPP2434530896	
	Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Excavator
Coordinates: 32.108545, -103.819165	Hole Diameter: 3'	Total Depth: 10'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-6') CALICHE, some fine brown sand with trace silt, well graded, strong odor, some oil sheen.
M	<162	770	Y	PH07	0.5			
M	-	628	Y		1	1		
M	-	840	Y	PH07B	2	2		
D	<162	102	Y		3	3		(3-6') some light brown silty sand laminations.
D	<162	96.0	N		4	4		
D	-	315	N		5	5		Strong odor.
D	<162	9.8	N	PH07F	6	6	CCHE	(6-10') CALICHE, tan, fine to coarse grain, with sand and trace silt, well graded.
D	-	37.2	N		7	7		Trace odor.
D	-	110	N		8	8		Strong odor.
						9		
D	<162	2.5	N	PH07I	10	10		

Total Depth @ 10 feet bgs

ENSOLUM

Sample Name: PH08	Date: 12/17/2024
Site Name: PLU 30-19 BS 154H	
Incident Number: nAPP2434530896	
Job Number: 03C1558583	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US / Method: Excavator
Coordinates: 32.108470, -103.818468	Hole Diameter: 3' / Total Depth: 14'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A +40% correction factors included for chloride calculations.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-14') CALICHE, brown, fine to medium grain with some gray silt, poorly graded, strong odor.
M	3,590	388	Y	PH08	0.5			Fine grain, with little gray silt.
M	515.2	190	Y		1	1		
M	-	399	Y		2	2		Strong odor.
D	<162	10.3	Y	PH08C	3	3		(3-14') some fine grain brown silty sand laminations.
D	-	17.3	Y	PH08D	4	4		Trace H/C odor.
D	<162	15.7	Y		5	5		
D	-	123.7	N		6	6		Strong odor.
D	<162	91.5	N		7	7		
D	-	208	N	PH08H	8	8		
D	<162	48.0	N		10	10		(10-14') some fine grain light brown silty sand laminations.
D	<162	66.0	N		12	12		
D	<162	28.9	N	PH08K	14	14		

Total Depth @ 14 feet bgs

ENSOLUM

APPENDIX D

NMOCD Notifications

Location:	**Poker Lake Unit 30-19 BS 154H**	
Spill Date:	**12/9/2024**	
Area 1		
Approximate Area =	77410.00	sq. ft.
Average Saturation (or depth) of spill =	1.00	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	113.00	bbls
Total Produced Water =	429.00	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	**113.00**	**bbls**
Total Produced Water =	**429.00**	**bbls**
TOTAL VOLUME RECOVERED		
Total Crude Oil =	**77.00**	**bbls**
Total Produced Water =	**293.00**	**bbls**

Ben Belill

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, February 10, 2025 6:36 PM
To: Brown, Colton S
Cc: Bratcher, Michael, EMNRD; Dirkx, Kaylan; Mcafee, Ashley A; Woodall, Robert D; Tacoma Morrissey; Ben Belill
Subject: RE: [EXTERNAL] XTO - Variance Request - POKER LAKE UNIT 30-19 BS 154H - Incident Number NAPP2434530896

[**EXTERNAL EMAIL**]

Good afternoon Colton,

I did get confirmation that the site of this release (32.10715,-103.81746) is indeed in low karst now and not in medium karst, as it had appeared on the OCD Environmental page. IT is currently updating the layer on our map to reflect the changes. Thank you for drawing this to my attention. A sampling variance is approved to collect all base samples at the 400 ft2 frequency. All sidewall samples must be collected at a frequency of every 200 square feet. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Brown, Colton S <colton.s.brown@exxonmobil.com>
Sent: Friday, February 7, 2025 1:33 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dirkx, Kaylan <kaylan.dirkx@exxonmobil.com>; Mcafee, Ashley A <ashley.a.mcafee@exxonmobil.com>; Woodall, Robert D <robert.d.woodall@exxonmobil.com>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>
Subject: [EXTERNAL] XTO - Variance Request - POKER LAKE UNIT 30-19 BS 154H - Incident Number NAPP2434530896

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

XTO is requesting a variance request for frequency of confirmation soil sampling for an unauthorized release at the at the Poker Lake Unit 30-19 BS 154H (Incident Number NAPP2434530896) Site. Please see the attached Site

Receptor Map and supporting documentation for your review and consideration of a sampling frequency variance at the subject Site. On December 9, 2024 a crude oil, produced water, and natural gas release occurred at Site and was assigned Incident Number NAPP2434530896. Due to the estimated size of the release area, lack of sensitive receptors at the Site, and depth to groundwater estimated to be greater than 100 feet bgs, XTO requests a variance for sampling frequency of confirmation soil samples. XTO proposes to collect five-point composite samples at a sampling frequency of every 400 square feet on the surface of the well pad, within the release extent area, and within areas that have been scraped with heavy equipment at depths less than 0.5 feet bgs. The entirety of the release remained on the well pad and the release extent area is approximately 83,200 square feet. The proposed sampling frequency is estimated to reduce the total number of confirmation soil samples from 416 samples to approximately 208 samples. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The confirmation soil samples will be submitted to a New Mexico approved laboratory for analysis of the following contaminants of concern (COC): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

Please see the attached figures with results of the desktop Site Characterization. There are no sensitive receptors at the Site, the Site is not within a 100-year floodplain, or in an area with a medium or high-karst designation. It is important to note that the initial desktop Site characterization review of the Site indicated the Site was located in a medium potential karst designation, however, upon further investigation through Site discussions with a 3rd party BLM-approved karst specialist and the BLM, the Site area has recently been updated from medium to low potential karst designation based on the most recent BLM karst map. Also attached is the well record for the nearest depth to groundwater soil boring drilled in June 2022, located within 0.5 miles of the Site, advanced to a depth of 120 feet. No groundwater was encountered, and the soil boring was subsequently backfilled with drill cuttings and hydrated bentonite chips.

We have included two figures showing the difference between the 200 square foot sampling grid and the requested 400 square foot sampling variance. Based on the following:

- A competent caliche rock unit exists at the site and appears to have acted as a barrier to additional vertical migration of impacts, the caliche depth is encountered between ground surface;
- The quantity of anticipated samples, 208, will be sufficient to determine the presence or absence of residual contaminants; and
- Lack of nearby sensitive receptors

We believe the sampling variance poses no additional risk to fresh water, public health, and the environment. With the additional 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

ENSOLUM

APPENDIX E

Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

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

December 26, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 10:04.

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

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/20/2024	Sampling Date:	12/16/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 01 0.5 (H247716-01)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.789**	0.200	12/24/2024	ND	2.08	104	2.00	3.84	
Toluene*	**19.7**	0.200	12/24/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	**5.52**	0.200	12/24/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	**74.3**	0.600	12/24/2024	ND	6.27	104	6.00	2.68	
Total BTEX	**100**	1.20	12/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *142 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7600**	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1190**	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**3260**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**350**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *195 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *159 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/20/2024	Sampling Date:	12/16/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 01A 1 (H247716-02)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	12/24/2024	ND	2.08	104	2.00	3.84	
Toluene*	**5.85**	0.100	12/24/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	**2.16**	0.100	12/24/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	**36.0**	0.300	12/24/2024	ND	6.27	104	6.00	2.68	
Total BTEX	**44.0**	0.600	12/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *168 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10500**	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1120**	10.0	12/20/2024	ND	211	105	200	1.10	
DRO >C10-C28*	**3920**	10.0	12/20/2024	ND	185	92.5	200	0.509	
EXT DRO >C28-C36	**463**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *185 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/20/2024	Sampling Date:	12/16/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 01B 2 (H247716-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/24/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/24/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	**0.176**	0.150	12/24/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/24/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8160**	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**14.9**	10.0	12/20/2024	ND	211	105	200	1.10	
DRO >C10-C28*	**242**	10.0	12/20/2024	ND	185	92.5	200	0.509	
EXT DRO >C28-C36	**22.4**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *126 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/20/2024	Sampling Date:	12/16/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 02 0.5 (H247716-04)

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	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8000**	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	211	105	200	1.10	
DRO >C10-C28*	**11.8**	10.0	12/20/2024	ND	185	92.5	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/20/2024	Sampling Date:	12/16/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 02A 4 (H247716-05)

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	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2280**	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	211	105	200	1.10	
DRO >C10-C28*	**21.8**	10.0	12/20/2024	ND	185	92.5	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/20/2024	Sampling Date:	12/16/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 02B 6 (H247716-06)

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	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	192	95.9	200	0.259	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	186	92.8	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	337 257-8307 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	
Sampler Name:	Connor Whitman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H247710																		
1	PH01	0.5	G	1			✓					✓		12-16-24	1000	✓	✓	✓
2	PH01A	1													1005			
3	PH01B	2													1010			
4	PH02	0.5													1045			
5	PH02A	4													1135			
6	PH02B	6													1150			

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Relinquished By:	Date: 12-20-24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1004	Tamara Oldaker	All Results are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.7 Corrected Temp. °C 2.1	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) TO	Turnaround Time: Standard ☐ Rush ☑ 48hr Thermometer ID #140 (#113) Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

6 to 12/20/24

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

FORM-006 R 3.2 10/07/21

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

February 06, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/03/25 12:00.

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

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 01C 5' (H250608-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.99	99.4	2.00	5.45	
Toluene*	<0.050	0.050	02/04/2025	ND	2.13	106	2.00	5.46	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.06	103	2.00	5.14	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.44	107	6.00	5.56	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/04/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	189	94.6	200	0.606	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	191	95.3	200	0.672	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	337 257-8307 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	
Sampler Name:	Connor Whitman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H250608-1	PH01C	5	G	1			✓					✓		1-31-25	1045	✓	✓	✓

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 whatsoever shall be deemed waived 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 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.

Relinquished By:	Date: 2-3-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1300		All Results are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.3 Corrected Temp. °C 1.6	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #113 #140 Correction Factor -0.5°C +0.3°

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed 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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

December 19, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 12/17/24 13:48.

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

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 03 0.5' (H247607-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**2.51**	2.00	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	**60.6**	2.00	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	**15.9**	2.00	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	**218**	6.00	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	**297**	12.0	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16000**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**7470**	50.0	12/18/2024	ND	198	98.8	200	2.56	
DRO >C10-C28*	**13200**	50.0	12/18/2024	ND	181	90.3	200	3.06	
EXT DRO >C28-C36	**1370**	50.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane *870 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *220 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 03 A 3' (H247607-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	**0.113**	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	**25.3**	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 03 B 4' (H247607-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *93.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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Page 78 of 649

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	337 257-8307 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	
Sampler Name:	Connor Whitman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H247607																		
1	PH03	0,5	G	1			✓					✓		12-16-24	1345			
2	PH03A	3													1400			
3	PH03B	4													1405			
4	PH03C (Hold)	5													1410			
																		CW

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Relinquished By:	Date: 12-17-24 Time: 1348	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
			REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.3 Corrected Temp. °C 2.7	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ 48hr	Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

Thermometer ID #140 Correction Factor -0.6°C

12/17/24

FORM-006 R 3.2 10/07/21

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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

December 19, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 12/17/24 13:48.

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

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 04 0.5 (H247608-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	**0.058**	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	**0.765**	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	**0.823**	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5730**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**41.1**	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	**991**	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	**104**	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 04A 1 (H247608-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**672**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	**40.5**	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *97.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 04B 2 (H247608-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	**46.7**	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 04C 3 (H247608-04)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	**219**	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	**11.3**	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *75.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 04D 4 (H247608-05)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	**47.5**	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 04E 5 (H247608-06)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *78.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	337 257-8307 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	
Sampler Name:	Connor Whitman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H247608																		
1	PH04	0-5	G	1			X					✓		12-16-24	1435	X	X	X
2	PH04A	1													1440			
3	PH04B	2													1445			
4	PH04C	3													1450			
5	PH04D	4													1455			
6	PH04E	5													1510			

CW

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Relinquished By:	Date: 12-17-24	Received By:	Tamara Oldaker
	Time: 1348		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com

REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C	3.3	Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	CT
Sampler - UPS - Bus - Other:	Corrected Temp. °C	2.7			

Turnaround Time: Standard ☐ Rush ☑ 48hr

Thermometer ID #140 (#113) Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

CT - 12/17/24

FORM-006 R 3.2 10/07/21

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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

December 19, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 12/17/24 13:48.

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

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 0.5 (H247606-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	**0.089**	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	**0.676**	0.150	12/17/2024	ND	6.13	102	6.00	4.08	QM-07
Total BTEX	**0.876**	0.300	12/17/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5460**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**15.3**	10.0	12/17/2024	ND	198	98.8	200	2.56	
DRO >C10-C28*	**198**	10.0	12/17/2024	ND	181	90.3	200	3.06	
EXT DRO >C28-C36	**20.6**	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *84.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05A 1 (H247606-02)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	**0.774**	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	**0.330**	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	**5.24**	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	**6.34**	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *150 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2960**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**114**	10.0	12/17/2024	ND	198	98.8	200	2.56	
DRO >C10-C28*	**720**	10.0	12/17/2024	ND	181	90.3	200	3.06	
EXT DRO >C28-C36	**78.4**	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *88.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05B 2 (H247606-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/18/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	98.8	200	2.56	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *77.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 93 of 649

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	337 257-8307 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	
Sampler Name:	Connor Whitman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H34476																		
1	PH05	0.5	G	1			✓					✓		12-16-24	1210	✓	✓	✓
2	PH05A	1	↓	↓			↓					↓		↓	1215	✓	✓	✓
3	PH05B	2	↓	↓			↓					↓		↓	1217	✓	✓	✓
																	CW	

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Relinquished By:	Date: 12-17-24 Time: 1348	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
			REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C 3.3	Sample Condition: Cool ☑ Yes ☐ No / Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ 48hr
Sampler - UPS - Bus - Other:	Corrected Temp. °C 2.7			Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No — Observed 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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

December 19, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 12/17/24 13:48.

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

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 C 3' (H247609-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	216	108	200	2.86	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	210	105	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *78.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 D 4' (H247609-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	**0.151**	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	**63.2**	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *73.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 E 5' (H247609-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**624**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	**135**	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.2 %* *49.1-148*

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Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 F 6' (H247609-04)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	**0.119**	0.050	12/17/2024	ND	2.10	105	2.00	4.11	GC-NC1
Ethylbenzene*	**0.105**	0.050	12/17/2024	ND	2.07	104	2.00	4.11	GC-NC1
Total Xylenes*	**1.49**	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	**1.71**	0.300	12/17/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1230**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**70.9**	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	**610**	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	**48.6**	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *83.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 G 7' (H247609-05)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	**175**	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	**15.8**	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *85.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 H 8' (H247609-06)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	**106**	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *82.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 05 I 9' (H247609-07)

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	12/17/2024	ND	2.22	111	2.00	3.89	
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane *78.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.8 %* *49.1-148*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name:	Ensolum, LLC	**BILL TO**	
Project Manager:	Tracy Hillard	P.O. #:	
Address:	3122 National Parks Hwy	Company:	XTO Energy Inc.
City:	Carlsbad	State: NM Zip: 88220	Attn: Colton Brown
Phone #:	337 257-8307	Fax #:	Address: 3104 E. Green St.
Project #:	03C1558583	Project Owner: XTO	City: Carlsbad
Project Name:	Poker Lake Unit 30-19 BS 154H		State: NM Zip: 88220
Project Location:			Phone #:
Sampler Name:	Connor Whitman		Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	CHLORIDE
H247609												✓						
1	PHOSC	3	G	1										12-16-24	1218			
2	PHOSD	4													1255			
3	PHOSE	5													1300			
4	PHOSF	6													1305			
5	PHOSG	7													1310			
6	PHOSH	8													1315			
7	PHOSI	9													1325			
																		Ø

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Relinquished By:	Date: 12-17-24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1348		All Results are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 3.3	Sample Condition: Cool ☐ Yes ☐ No / Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ 48 hr.
Sampler - UPS - Bus - Other:	Corrected Temp. °C 3.7			Thermometer ID #140 (~~#113~~) Correction Factor -0.3°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No — Observed Temp. °C — Corrected Temp. °C

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

FORM-006 R 3.2 10/07/21

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

December 23, 2024

TACOMA MORRISSEY

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 12/19/24 14:15.

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 www.tceq.texas.gov/field/qa/lab_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.

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

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06 (H247671-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**1.43**	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	**0.419**	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**7.38**	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	**9.23**	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *125 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1060**	16.0	12/20/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**180**	10.0	12/20/2024	ND	199	99.5	200	2.07	QM-07
DRO >C10-C28*	**619**	10.0	12/20/2024	ND	200	100	200	5.70	QM-07
EXT DRO >C28-C36	**55.0**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06B (H247671-02)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**2.25**	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	**0.650**	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**11.6**	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	**14.5**	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *139 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	12/20/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**295**	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**946**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**93.9**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *128 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06D (H247671-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**0.091**	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**0.729**	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	**0.820**	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**19.2**	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**216**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**14.6**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.2 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06F (H247671-04)

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	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06H (H247671-05)

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	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06J (H247671-06)

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	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**31.0**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 06L (H247671-07)

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	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 07 (H247671-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**115**	2.00	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	**35.4**	2.00	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**547**	6.00	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	**697**	12.0	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**15900**	100	12/21/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**32400**	100	12/21/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**3200**	100	12/21/2024	ND					

Surrogate: 1-Chlorooctane *475 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *508 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 07B (H247671-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**35.4**	2.00	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	**11.5**	2.00	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**186**	6.00	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	**233**	12.0	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3850**	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**8950**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**968**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *299 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *154 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 07F (H247671-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**0.069**	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 07I (H247671-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *121 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 08 (H247671-12)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	**1.98**	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	**0.778**	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**13.9**	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	**16.6**	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *190 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3080**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**296**	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**1630**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**160**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *150 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *128 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 08C (H247671-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 08D (H247671-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**33.4**	10.0	12/21/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane *131 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 08H (H247671-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	**0.263**	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID	*108 %*	*71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**10.7**	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	**205**	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	**20.9**	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane	*113 %*	*48.2-134*
Surrogate: 1-Chlorooctadecane	*105 %*	*49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TACOMA MORRISSEY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2024	Sampling Date:	12/17/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: PH 08K (H247671-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.78	89.2	2.00	15.2	
Toluene*	<0.050	0.050	12/20/2024	ND	1.77	88.3	2.00	17.2	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.86	93.0	2.00	17.5	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.47	91.2	6.00	18.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/20/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	199	99.5	200	2.07	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	200	100	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum	**BILL TO**
Project manager: Tacoma Morrissey	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM ZIP: 88220	Attn: Colton Brown
Phone #: 337-257-8307	Address: 3104 E Greene st.
Project #: 03C1558583	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: CHLORIDES	TPH	BTEX
H247671											X		12/17/24	915	X	X	X
1	PH06	G	1			X								920			
2	PH06B	↓	↓			↓					↓		↓	930	↓	↓	↓
3	PH06D																

BTEX

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Relinquished By:	Date: 12-19-24	Received By:	Verbal Result: ☐ Yes ☐ No
	Time: 1415		Add'l Phone #:
Relinquished By:	Date:	Received By:	tmorrissey@ensolum.com Thillard@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		REMARKS: Incident Number: nAPP2434530896 Cost Code: 2258891001

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.1 Corrected Temp. °C -0.5	Sample Condition Cool: Yes Intact: Yes / No / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush 48hr ☒ Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed 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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum	**BILL TO**
Project manager: Tacoma Morrissey	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM ZIP: 88220	Attn: Colton Brown
Phone #: 337-257-8307	Address: 3104 E Greene st.
Project #: 03C1558583	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CHLORIDES	TPH	BTEX
H247671-4	PH06F	G	1			X					X		12/17/24	955	X	X	X
5	PH06H	↓	↓			↓					↓		↓	1025	↓	↓	↓
6	PH06J													1040			
7	PH06L													1200			

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Relinquished By:	Date: 12-19-24	Received By:	Verbal Result: ☐ Yes ☐ No
	Time: 1415		Add'l Phone #:
Relinquished By:	Date:	Received By:	tmorrissey@ensolum.com Thillard@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		REMARKS: Incident Number: nAPP2434530896 Cost Code: 2258891001

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.1 Corrected Temp. °C -0.5	Sample Condition Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☒ 48hr Thermometer ID #140 Correction Factor -0.4 Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum	**BILL TO**
Project manager: Tacoma Morrissey	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM ZIP: 88220	Attn: Colton Brown
Phone #: 337-257-8307	Address: 3104 E Greene st.
Project #: 03C1558583	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: CHLORIDES	TPH	BTEX
H247671																	
8	PH07	G	1			X					X		12/17/24	1430	X	X	X
9	PH07B	↓	↓			↓					↓		↓	1437	↓	↓	↓
10	PH07F													1447			
11	PH07I													1528			

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Relinquished By:	Date: 12-19-24 Time: 1415	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	tmorrissey@ensolum.com Thillard@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
			REMARKS: Incident Number: nAPP2434530896 Cost Code: 2258891001

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.1 Corrected Temp. °C -0.5	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush 48hr ☒ Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -0.6 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum	**BILL TO**
Project manager: Tacoma Morrissey	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM ZIP: 88220	Attn: Colton Brown
Phone #: 337-257-8307	Address: 3104 E Greene st.
Project #: 03C1558583	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: CHLORIDES	TPH	BTEX
H247671 12	PH08	G	1			X					X		12/17/24	1240	X	X	X
13	PH08C	↓	↓			↓					↓		↓	1248	↓	↓	↓
14	PH08D													1252			

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Relinquished By:	Date: 12-19-24 Time: 1415	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	tmorrissey@ensolum.com Thillard@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
			REMARKS: Incident Number: nAPP2434530896 Cost Code: 2258891001

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.1 Corrected Temp. °C -0.5	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush 48hr ☒ Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -0.6 °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum	**BILL TO**
Project manager: Tacoma Morrissey	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM ZIP: 88220	Attn: Colton Brown
Phone #: 337-257-8307	Address: 3104 E Greene st.
Project #: 03C1558583	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: CHLORIDES	TPH	BTEX
H247671 15	PH08H	G	1			X					X		12/17/24	1310	X	X	X
16	PH08K	G	1			X					X		↓	1413	X	X	X

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Relinquished By: U Santillana	Date: 12-19-24 Time: 1415	Received By: Tamara Oldaker	Verbal Result: ☐ Yes ☐ No
Relinquished By:	Date: Time:	Received By:	REMARKS: Incident Number: nAPP2434530896 Cost Code: 2258891001

Add'l Phone #:
tmorrissey@ensolum.com Thillard@ensolum.com kthomason@ensolum.com usantillana@ensolum.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.1 Corrected Temp. °C -0.5	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush 48hr ☒ Cool Intact Observed Temp. °C
Thermometer ID #140
Correction Factor -0.6°C
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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

September 29, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 30 - 19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 09/25/25 13:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is 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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 09 0.5 (H255996-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *82.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 10 1 (H255996-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *85.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 11 1 (H255996-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.1 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 09A 2 (H255996-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *83.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 10A 2.5 (H255996-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 11A 2.5 (H255996-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *87.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.5 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 12 1 (H255996-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2960**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	**512**	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	**91.7**	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *87.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.5 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 13 1 (H255996-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.2 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *82.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.7 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 12A 2.5 (H255996-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.9 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 13A 2.5 (H255996-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	09/26/2025	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *81.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.9 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 14 1 (H255996-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	**0.059**	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	GC-NC1
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	**0.292**	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	GC-NC1
Total BTEX	**0.351**	0.300	09/26/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *98.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	**56.1**	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *79.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.0 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 15 0.5 (H255996-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3320**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *84.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.7 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 16 0.5 (H255996-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.92	96.0	2.00	0.688	
Toluene*	<0.050	0.050	09/26/2025	ND	1.90	95.1	2.00	0.183	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.85	92.6	2.00	0.443	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	5.46	91.0	6.00	0.0825	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4160**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	**141**	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	**17.7**	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *80.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.1 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 14A 2.5 (H255996-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	QM-07
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	**13.8**	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *79.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 15A 2 (H255996-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1280**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *85.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 16A 2 (H255996-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *79.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 17 0.5 (H255996-17)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	**6.24**	0.500	09/26/2025	ND	1.98	98.9	2.00	1.92	GC-NC1
Ethylbenzene*	**7.87**	0.500	09/26/2025	ND	1.96	98.2	2.00	2.47	GC-NC1
Total Xylenes*	**111**	1.50	09/26/2025	ND	6.05	101	6.00	2.38	GC-NC1
Total BTEX	**125**	3.00	09/26/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *165 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8400**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3140**	50.0	09/29/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	**10900**	50.0	09/29/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	**1250**	50.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane *467 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *227 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 18 0.5 (H255996-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *85.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 17A 2 (H255996-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1220**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	**45.2**	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 18A 2 (H255996-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2050**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	196	98.0	200	0.622	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	202	101	200	0.259	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *85.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 19 0.5 (H255996-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	198	98.9	200	0.206	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	212	106	200	0.703	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *96.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.2 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/25/2025	Sampling Date:	09/24/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	PLU 30 - 19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.108379, -103.817649		

Sample ID: PH 19A 2 (H255996-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2025	ND	1.90	94.8	2.00	0.318	
Toluene*	<0.050	0.050	09/26/2025	ND	1.98	98.9	2.00	1.92	
Ethylbenzene*	<0.050	0.050	09/26/2025	ND	1.96	98.2	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/26/2025	ND	6.05	101	6.00	2.38	
Total BTEX	<0.300	0.300	09/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	09/26/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	198	98.9	200	0.206	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	212	106	200	0.703	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane *93.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.2 %* *39.9-141*

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 - 3

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: (989) 854-0852 **Fax #:**	**Address:** 3104 E Greene St
Project #: 03C1558583 **Project Owner:** XTO Energy	**City:** Carlsbad
Project Name: PLU 30-19 BS 154H - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.108379, -103.817649	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H255916																		
1	PH09	0.5	G	1			X					X		05/29/25	9:58			
2	PH10	1													10:01			
3	PH11	1													10:05			
4	PH09A	1													10:56			
5	PH10A	2.5													10:53			
6	PH11A	2.5													10:51			
7	PH12	1													11:34			
8	PH13	1													11:37			
9	PH12A	2.5													12:09			
10	PH13A	2.5													22:11			

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Relinquished By: Trevor Wargo	**Date:** 5.29.25 **Time:** 1355	**Received By:** Sfredrigney	
Relinquished By:	**Date:** **Time:**	**Received By:**	

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**

All Results are emailed. Please provide Email address:
BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com twargo@ensolum.com

REMARKS: Incident Number: nAPP2434530896
Cost Center: 2258891001
GFCM: 48605000

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 / Corrected Temp. °C 0.7	Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SR	**Turnaround Time:** 48hr ☐ Standard ☑ Rush Thermometer ID #113 Correction Factor 0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C #140 Corrected Temp. °C 0.3

FORM-006 R 3.2 10/07/21

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Received by OCD: 6/8/2026 4:15:53 PM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 - 3

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: (989) 854-0852 **Fax #:**	**Address:** 3104 E Greene St
Project #: 03C1558583 **Project Owner:** XTO Energy	**City:** Carlsbad
Project Name: PLU 30-19 BS 154H - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.108379, -103.817649	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H255916																		
11	PH 14	1	G	1			✓					✓		07/24/25	12:40			
12	PH 15	0.5													12:42			
13	PH 16	0.5													12:44			
14	PH 14 A	2.5													13:44			
15	PH 15 A	2													13:44			
16	PH 16 A	2													13:45			
17	PH 17	0.5													14:12			
18	PH 18	0.5													14:14			
19	PH 17 A	2													14:55			
20	PH 18 A	2													14:58			

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Relinquished By: Trevor Wargo	**Date:** 7.25.25 **Time:** 1355	**Received By:** SRodriguez	
Relinquished By:	**Date:** **Time:**	**Received By:**	

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**

All Results are emailed. Please provide Email address:
BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com twargo@ensolum.com

REMARKS: Incident Number: nAPP2434530896
Cost Center: 2258891001
GFCM: 48605000

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.5	Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) SR

Turnaround Time: Standard ☐ Rush ☑ 48hr
Thermometer ID #113 #140
Correction Factor 0.5°C +0.3

Bacteria (only) Sample Condition
Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 - 3

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: (989) 854-0852 **Fax #:**	**Address:** 3104 E Greene St
Project #: 03C1558583 **Project Owner:** XTO Energy	**City:** Carlsbad
Project Name: PLU 30-19 BS 154H - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.108379, -103.817649	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
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	TPH 8015	BTEX 8021	Chloride 4500										
H259916																												
21	PH 19	0.5	G	1			✓					✓		09/24/25	14:16	↓	↓	↓										
22	PH 19A	2	↓	↓			↓					↓		↓	14:59													

TBW

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Relinquished By: Trevor Wargo	**Date:** 9.25.25 **Time:** 1355	**Received By:** SRodriguez	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com twargo@ensolum.com
			REMARKS: Incident Number: nAPP2434530896 Cost Center: 2258891001 GFCM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 0.4 **Corrected Temp. °C** 0.7	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SR

Turnaround Time: Standard ☐ Rush ☑ **Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C**
48hr **Thermometer ID** ~~#113~~ #140 **Correction Factor** ~~0.5~~ °C 0.3 **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

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March 13, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/18/25 13:50.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 01 1'	H250951-01	Soil	17-Feb-25 11:35	18-Feb-25 13:50
FS 02 1'	H250951-02	Soil	17-Feb-25 11:50	18-Feb-25 13:50
FS 03 1'	H250951-03	Soil	17-Feb-25 12:05	18-Feb-25 13:50
FS 04 1'	H250951-04	Soil	17-Feb-25 11:48	18-Feb-25 13:50
FS 05 1'	H250951-05	Soil	17-Feb-25 11:42	18-Feb-25 13:50
FS 06 1'	H250951-06	Soil	17-Feb-25 11:54	18-Feb-25 13:50
FS 07 1'	H250951-07	Soil	17-Feb-25 12:00	18-Feb-25 13:50
FS 08 1'	H250951-08	Soil	17-Feb-25 12:10	18-Feb-25 13:50
FS 09 1'	H250951-09	Soil	17-Feb-25 12:20	18-Feb-25 13:50
FS 10 1'	H250951-10	Soil	17-Feb-25 12:17	18-Feb-25 13:50
FS 11 1'	H250951-11	Soil	17-Feb-25 12:35	18-Feb-25 13:50
FS 12 1'	H250951-12	Soil	17-Feb-25 13:30	18-Feb-25 13:50
FS 13 1'	H250951-13	Soil	17-Feb-25 13:45	18-Feb-25 13:50
FS 14 1'	H250951-14	Soil	17-Feb-25 14:05	18-Feb-25 13:50
FS 15 1'	H250951-15	Soil	17-Feb-25 14:44	18-Feb-25 13:50

03/13/25 - Client changed the sample depths (see COC). This is the revised report and will replace the one sent on 02/19/25.

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 01 1'

H250951-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**944**		16.0	mg/kg	4	5021921	AC	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	**1.22**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**1.19**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**22.1**		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	**24.6**		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*129 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**620**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
DRO >C10-C28*	**7920**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	QM-07
EXT DRO >C28-C36	**1080**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*233 %*	*48.2-134*		*5021855*	MS	*18-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*142 %*	*49.1-148*		*5021855*	MS	*18-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 02 1'

H250951-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1200**		16.0	mg/kg	4	5021921	AC	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	**0.237**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.576**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**7.62**		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	**8.44**		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*137 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**218**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
DRO >C10-C28*	**4080**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
EXT DRO >C28-C36	**574**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*118 %*	*48.2-134*		*5021855*	MS	*18-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*99.2 %*	*49.1-148*		*5021855*	MS	*18-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 03 1'

H250951-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1340**		16.0	mg/kg	4	5021921	AC	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	**0.154**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.398**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**6.25**		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	**6.80**		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*135 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**252**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
DRO >C10-C28*	**4090**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
EXT DRO >C28-C36	**558**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*120 %*	*48.2-134*		*5021855*	MS	*18-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.5 %*	*49.1-148*		*5021855*	MS	*18-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 04 1'

H250951-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**640**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	**0.615**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.766**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**11.5**		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	**12.9**		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*129 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**330**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
DRO >C10-C28*	**2850**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
EXT DRO >C28-C36	**377**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*114 %*	*48.2-134*		*5021855*	MS	*18-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.3 %*	*49.1-148*		*5021855*	MS	*18-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 05 1'

H250951-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**368**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.200		0.200	mg/kg	200	5021852	JH	19-Feb-25	8021B	
Toluene*	**3.23**		0.200	mg/kg	200	5021852	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**3.30**		0.200	mg/kg	200	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**56.1**		0.600	mg/kg	200	5021852	JH	19-Feb-25	8021B	
Total BTEX	**62.7**		1.20	mg/kg	200	5021852	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*157 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**1080**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
DRO >C10-C28*	**5520**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
EXT DRO >C28-C36	**649**		10.0	mg/kg	1	5021855	MS	18-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*235 %*	*48.2-134*		*5021855*	MS	*18-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*108 %*	*49.1-148*		*5021855*	MS	*18-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 06 1'

H250951-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Ethylbenzene*	**0.052**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**0.714**		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	**0.766**		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*156 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**24.2**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**625**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**82.1**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*86.8 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.7 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 07 1'

H250951-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*125 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*77.6 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.2 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 08 1'

H250951-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**288**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Ethylbenzene*	**0.052**		0.050	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total Xylenes*	**0.611**		0.150	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Total BTEX	**0.662**		0.300	mg/kg	50	5021852	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*153 %*	*71.5-134*		*5021852*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**27.9**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**709**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**78.7**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*91.1 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.9 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 09 1'

H250951-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	**0.285**		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**16.1**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**464**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**50.4**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*78.2 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.5 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 10 1'

H250951-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**784**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	**0.089**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.187**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	**3.02**		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	**3.29**		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*139 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**72.4**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**770**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**81.3**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*90.5 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.2 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 11 1'

H250951-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**4400**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	**0.441**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.603**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	**10.1**		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	**11.1**		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*206 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**268**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**4430**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**602**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*116 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*98.6 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 12 1'

H250951-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1620**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	**0.083**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.167**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	**2.20**		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	**2.45**		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*147 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**75.4**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**2210**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**320**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*83.9 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.7 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 13 1'

H250951-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	**0.335**		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	**0.335**		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*118 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**14.8**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**1270**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**189**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*82.5 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.1 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 14 1'

H250951-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3360**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Ethylbenzene*	**0.055**		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	**0.629**		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	**0.684**		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*127 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**21.9**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**1900**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**267**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*94.6 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*95.3 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

FS 15 1'

H250951-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**768**		16.0	mg/kg	4	5021865	HM	19-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5021858	JH	19-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5021858*	JH	*19-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
DRO >C10-C28*	**120**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
EXT DRO >C28-C36	**15.6**		10.0	mg/kg	1	5021855	MS	19-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*75.8 %*	*48.2-134*		*5021855*	MS	*19-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.0 %*	*49.1-148*		*5021855*	MS	*19-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5021865 - 1:4 DI Water										
Blank (5021865-BLK1)				Prepared & Analyzed: 19-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5021865-BS1)				Prepared & Analyzed: 19-Feb-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5021865-BSD1)				Prepared & Analyzed: 19-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 5021921 - 1:4 DI Water										
Blank (5021921-BLK1)				Prepared & Analyzed: 19-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5021921-BS1)				Prepared & Analyzed: 19-Feb-25						
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (5021921-BSD1)				Prepared & Analyzed: 19-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5021852 - Volatiles										
Blank (5021852-BLK1)				Prepared & Analyzed: 18-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0602*		mg/kg	*0.0500*		*120*	*71.5-134*			
LCS (5021852-BS1)				Prepared & Analyzed: 18-Feb-25						
Benzene	2.00	0.050	mg/kg	2.00		99.9	82.8-130			
Toluene	2.07	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	85.9-128			
m,p-Xylene	4.42	0.100	mg/kg	4.00		110	89-129			
o-Xylene	2.24	0.050	mg/kg	2.00		112	86.1-125			
Total Xylenes	6.66	0.150	mg/kg	6.00		111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0544*		mg/kg	*0.0500*		*109*	*71.5-134*			
LCS Dup (5021852-BSD1)				Prepared & Analyzed: 18-Feb-25						
Benzene	1.91	0.050	mg/kg	2.00		95.4	82.8-130	4.58	15.8	
Toluene	1.98	0.050	mg/kg	2.00		99.0	86-128	4.72	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	85.9-128	4.27	16	
m,p-Xylene	4.22	0.100	mg/kg	4.00		106	89-129	4.56	16.2	
o-Xylene	2.13	0.050	mg/kg	2.00		107	86.1-125	4.70	16.7	
Total Xylenes	6.36	0.150	mg/kg	6.00		106	88.2-128	4.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0541*		mg/kg	*0.0500*		*108*	*71.5-134*			
Batch 5021858 - Volatiles										
Blank (5021858-BLK1)				Prepared: 18-Feb-25 Analyzed: 19-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5021858 - Volatiles										
Blank (5021858-BLK1)				Prepared: 18-Feb-25 Analyzed: 19-Feb-25						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0531*		mg/kg	*0.0500*		*106*	*71.5-134*			
LCS (5021858-BS1)				Prepared: 18-Feb-25 Analyzed: 19-Feb-25						
Benzene	1.92	0.050	mg/kg	2.00		96.1	82.8-130			
Toluene	2.02	0.050	mg/kg	2.00		101	86-128			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	85.9-128			
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89-129			
o-Xylene	2.17	0.050	mg/kg	2.00		109	86.1-125			
Total Xylenes	6.46	0.150	mg/kg	6.00		108	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0544*		mg/kg	*0.0500*		*109*	*71.5-134*			
LCS Dup (5021858-BSD1)				Prepared: 18-Feb-25 Analyzed: 19-Feb-25						
Benzene	1.93	0.050	mg/kg	2.00		96.6	82.8-130	0.544	15.8	
Toluene	2.04	0.050	mg/kg	2.00		102	86-128	0.967	15.9	
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	85.9-128	0.881	16	
m,p-Xylene	4.35	0.100	mg/kg	4.00		109	89-129	1.42	16.2	
o-Xylene	2.20	0.050	mg/kg	2.00		110	86.1-125	1.17	16.7	
Total Xylenes	6.55	0.150	mg/kg	6.00		109	88.2-128	1.34	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0541*		mg/kg	*0.0500*		*108*	*71.5-134*			

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ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:19

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5021855 - General Prep - Organics										
Blank (5021855-BLK1)				Prepared & Analyzed: 18-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*38.7*		mg/kg	*50.0*		*77.4*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*36.8*		mg/kg	*50.0*		*73.6*	*49.1-148*			
LCS (5021855-BS1)				Prepared & Analyzed: 18-Feb-25						
GRO C6-C10	179	10.0	mg/kg	200		89.3	81.5-123			
DRO >C10-C28	175	10.0	mg/kg	200		87.3	77.7-122			
Total TPH C6-C28	353	10.0	mg/kg	400		88.3	80.9-121			
Surrogate: 1-Chlorooctane	*42.9*		mg/kg	*50.0*		*85.8*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*39.2*		mg/kg	*50.0*		*78.4*	*49.1-148*			
LCS Dup (5021855-BSD1)				Prepared & Analyzed: 18-Feb-25						
GRO C6-C10	181	10.0	mg/kg	200		90.5	81.5-123	1.28	13	
DRO >C10-C28	178	10.0	mg/kg	200		88.8	77.7-122	1.79	15.6	
Total TPH C6-C28	359	10.0	mg/kg	400		89.7	80.9-121	1.53	18.5	
Surrogate: 1-Chlorooctane	*43.3*		mg/kg	*50.0*		*86.6*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*40.3*		mg/kg	*50.0*		*80.5*	*49.1-148*			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, suite 400	**Company:** XTO Energy
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:**
Project #: 03C1558583 **Project Owner:**	**City:**
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:**
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Uriel Santillana	**Fax #:**

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
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	Chloride	BTEX	TPH										
H250951		*																										
1	FS01	1' 0.5'	C	1			X					X		2/17/25	1135	X	X	X										
2	FS02														1150													
3	FS03														1205													
4	FS04														1148													
5	FS05														1142													
6	FS06														1154													
7	FS07														1200													
8	FS08														1210													
9	FS09														1220													
10	FS10														1217													

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Relinquished By:	**Date:** 2-18-25 **Time:** 1350	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com

REMARKS: * Customer Req. Depth Changes. TO 3/12/25

Cost Code: 2258891001 Incident Number nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C -0.6	Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No		24hr Standard ☐ Rush ☒	Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

Thermometer ID #113 #140 Correction Factor -0.5°C +0.3°

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

FORM-006 R 3.2 10/07/21

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

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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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, suite 400	**Company:** XTO Energy
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:**
Project #: 03C1558583 **Project Owner:**	**City:**
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:**
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Uriel Santillana	**Fax #:**

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H250951		*																
11	FS 11	0.5	C	1			X					X		2/17/25	12:35	X	X	X
12	FS 12														13:30			
13	FS 13														13:45			
14	FS 14														14:05			
15	FS 15														14:44			

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Relinquished By:	**Date:** 2-18-25	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1350		All Results are emailed. Please provide Email address:
Relinquished By:	**Date:**	**Received By:**	bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		**REMARKS:** * Customer Req. Depth changes. 3/12/25
			Cost Code: 2258891001 Incident Number nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C −0.9	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: 24 hr; Standard ☐; Rush ☒
Sampler - UPS - Bus - Other:	Corrected Temp. °C −0.6			Thermometer ID #113 #140; Correction Factor −0.5°C +0.3°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed 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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

March 13, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/20/25 14:02.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 16 1'	H251009-01	Soil	18-Feb-25 09:40	20-Feb-25 14:02
FS 17 1'	H251009-02	Soil	18-Feb-25 10:00	20-Feb-25 14:02
FS 18 1'	H251009-03	Soil	18-Feb-25 10:15	20-Feb-25 14:02
FS 19 1'	H251009-04	Soil	18-Feb-25 10:30	20-Feb-25 14:02
FS 20 1'	H251009-05	Soil	18-Feb-25 10:32	20-Feb-25 14:02
FS 21 1'	H251009-06	Soil	18-Feb-25 10:40	20-Feb-25 14:02
FS 22 1'	H251009-07	Soil	18-Feb-25 11:00	20-Feb-25 14:02
FS 23 1'	H251009-08	Soil	18-Feb-25 13:30	20-Feb-25 14:02
FS 24 1'	H251009-09	Soil	18-Feb-25 13:35	20-Feb-25 14:02
FS 25 1'	H251009-10	Soil	18-Feb-25 13:45	20-Feb-25 14:02
CS 04 0.5	H251009-11	Soil	18-Feb-25 09:45	20-Feb-25 14:02
CS 05 0.5	H251009-12	Soil	18-Feb-25 09:58	20-Feb-25 14:02
CS 06 0.5	H251009-13	Soil	18-Feb-25 10:05	20-Feb-25 14:02
CS 07 0.5	H251009-14	Soil	18-Feb-25 10:14	20-Feb-25 14:02
CS 08 0.5	H251009-15	Soil	18-Feb-25 10:22	20-Feb-25 14:02

03/13/25 - Client changed the sample depths on -01 thru -10 (see COC). This is the revised report and will replace the one sent on 02/21/25.

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 16 1'

H251009-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5022137	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**0.529**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**0.529**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*117 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**20.6**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**625**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**57.8**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*102 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 17 1'

H251009-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	**0.059**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.223**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**5.39**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**5.68**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*193 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**154**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**2140**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**272**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*123 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*125 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 18 1'

H251009-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**512**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	**0.334**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.574**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**10.5**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**11.4**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*216 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**332**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**2880**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**358**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*137 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*144 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 19 1'

H251009-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.100		0.100	mg/kg	100	5022032	JH	21-Feb-25	8021B	
Toluene*	**0.967**		0.100	mg/kg	100	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**1.02**		0.100	mg/kg	100	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**31.8**		0.300	mg/kg	100	5022032	JH	21-Feb-25	8021B	
Total BTEX	**33.8**		0.600	mg/kg	100	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*224 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**592**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**4540**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**543**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*158 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*137 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 20 1'

H251009-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Toluene*	**0.066**		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**0.128**		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**2.40**		0.150	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Total BTEX	**2.59**		0.300	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*135 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**45.5**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**985**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**121**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*112 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*124 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 21 1'

H251009-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1580**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	**0.362**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.283**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**11.4**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**12.0**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*196 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**304**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**3350**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**431**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*125 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*141 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 22 1'

H251009-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**560**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**0.406**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**0.406**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**34.3**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1500**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**202**		10.0	mg/kg	1	5022028	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*114 %*	*48.2-134*		*5022028*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*123 %*	*49.1-148*		*5022028*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 23 1'

H251009-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**464**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**0.930**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**0.930**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*119 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**48.7**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1560**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**196**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*95.4 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*103 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 24 1'

H251009-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**2.26**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total BTEX	**2.26**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*137 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**86.7**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1220**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**153**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*95.9 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*99.1 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

FS 25 1'

H251009-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1550**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.200		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Toluene*	**2.36**		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**1.19**		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**45.7**		0.600	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Total BTEX	**49.3**		1.20	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*178 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**995**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**4960**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**547**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*284 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*171 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

CS 04 0.5

H251009-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.500		0.500	mg/kg	500	5022032	JH	21-Feb-25	8021B	
Toluene*	**17.2**		0.500	mg/kg	500	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**10.6**		0.500	mg/kg	500	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**185**		1.50	mg/kg	500	5022032	JH	21-Feb-25	8021B	
Total BTEX	**212**		3.00	mg/kg	500	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*199 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**4340**		100	mg/kg	10	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**15700**		100	mg/kg	10	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**1750**		100	mg/kg	10	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*737 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*222 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

CS 05 0.5

H251009-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Toluene*	**0.079**		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**0.176**		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**4.71**		0.150	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Total BTEX	**4.96**		0.300	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*163 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**86.9**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**794**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**105**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*82.2 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.4 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

CS 06 0.5

H251009-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**464**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.200		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Toluene*	**2.16**		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**0.917**		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**36.0**		0.600	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Total BTEX	**39.1**		1.20	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*166 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**586**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**2670**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**294**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*134 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*118 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

CS 07 0.5

H251009-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1460**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.200		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Toluene*	**2.20**		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**0.833**		0.200	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**33.9**		0.600	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Total BTEX	**36.9**		1.20	mg/kg	200	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*155 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**772**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**4540**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	QM-07
EXT DRO >C28-C36	**437**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*156 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*156 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

CS 08 0.5

H251009-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**576**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Ethylbenzene*	**0.084**		0.050	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Total Xylenes*	**3.26**		0.150	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Total BTEX	**3.34**		0.300	mg/kg	50	5022032	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*164 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**194**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**2000**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**182**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*111 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*121 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022137 - 1:4 DI Water										
Blank (5022137-BLK1)				Prepared & Analyzed: 21-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022137-BS1)				Prepared & Analyzed: 21-Feb-25						
Chloride	480	16.0	mg/kg	400		120	80-120			
LCS Dup (5022137-BSD1)				Prepared & Analyzed: 21-Feb-25						
Chloride	480	16.0	mg/kg	400		120	80-120	0.00	20	
Batch 5022142 - 1:4 DI Water										
Blank (5022142-BLK1)				Prepared & Analyzed: 21-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022142-BS1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5022142-BSD1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022032 - Volatiles										
Blank (5022032-BLK1)				Prepared & Analyzed: 20-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*98.5*	*71.5-134*			
LCS (5022032-BS1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.07	0.050	mg/kg	2.00		104	82.8-130			
Toluene	2.16	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	85.9-128			
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	89-129			
o-Xylene	2.05	0.050	mg/kg	2.00		102	86.1-125			
Total Xylenes	6.20	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0487*		mg/kg	*0.0500*		*97.5*	*71.5-134*			
LCS Dup (5022032-BSD1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.05	0.050	mg/kg	2.00		103	82.8-130	1.01	15.8	
Toluene	2.14	0.050	mg/kg	2.00		107	86-128	0.808	15.9	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	85.9-128	0.942	16	
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89-129	0.816	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	0.850	16.7	
Total Xylenes	6.15	0.150	mg/kg	6.00		102	88.2-128	0.827	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0484*		mg/kg	*0.0500*		*96.8*	*71.5-134*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022028 - General Prep - Organics										
Blank (5022028-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*51.9*		mg/kg	*50.0*		*104*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*46.6*		mg/kg	*50.0*		*93.2*	*49.1-148*			
LCS (5022028-BS1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	211	10.0	mg/kg	200		106	81.5-123			
DRO >C10-C28	203	10.0	mg/kg	200		102	77.7-122			
Total TPH C6-C28	415	10.0	mg/kg	400		104	80.9-121			
Surrogate: 1-Chlorooctane	*59.8*		mg/kg	*50.0*		*120*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*57.9*		mg/kg	*50.0*		*116*	*49.1-148*			
LCS Dup (5022028-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	208	10.0	mg/kg	200		104	81.5-123	1.43	13	
DRO >C10-C28	196	10.0	mg/kg	200		97.8	77.7-122	3.91	15.6	
Total TPH C6-C28	404	10.0	mg/kg	400		101	80.9-121	2.64	18.5	
Surrogate: 1-Chlorooctane	*57.3*		mg/kg	*50.0*		*115*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*53.8*		mg/kg	*50.0*		*108*	*49.1-148*			
Batch 5022039 - General Prep - Organics										
Blank (5022039-BLK1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*48.9*		mg/kg	*50.0*		*97.7*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*49.2*		mg/kg	*50.0*		*98.4*	*49.1-148*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022039 - General Prep - Organics										
LCS (5022039-BS1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	237	10.0	mg/kg	200		119	81.5-123			
DRO >C10-C28	228	10.0	mg/kg	200		114	77.7-122			
Total TPH C6-C28	466	10.0	mg/kg	400		116	80.9-121			
Surrogate: 1-Chlorooctane	*56.6*		mg/kg	*50.0*		*113*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*58.6*		mg/kg	*50.0*		*117*	*49.1-148*			
LCS Dup (5022039-BSD1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	233	10.0	mg/kg	200		117	81.5-123	1.75	13	
DRO >C10-C28	221	10.0	mg/kg	200		110	77.7-122	3.37	15.6	
Total TPH C6-C28	454	10.0	mg/kg	400		114	80.9-121	2.54	18.5	
Surrogate: 1-Chlorooctane	*53.8*		mg/kg	*50.0*		*108*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*55.0*		mg/kg	*50.0*		*110*	*49.1-148*			
Batch 5022041 - General Prep - Organics										
Blank (5022041-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*43.2*		mg/kg	*50.0*		*86.4*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*41.2*		mg/kg	*50.0*		*82.4*	*49.1-148*			
LCS (5022041-BS1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123			
DRO >C10-C28	190	10.0	mg/kg	200		94.9	77.7-122			
Total TPH C6-C28	392	10.0	mg/kg	400		97.9	80.9-121			
Surrogate: 1-Chlorooctane	*47.6*		mg/kg	*50.0*		*95.2*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*45.0*		mg/kg	*50.0*		*90.0*	*49.1-148*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:44

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022041 - General Prep - Organics										
LCS Dup (5022041-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123	0.110	13	
DRO >C10-C28	194	10.0	mg/kg	200		96.9	77.7-122	2.15	15.6	
Total TPH C6-C28	396	10.0	mg/kg	400		99.0	80.9-121	1.10	18.5	
Surrogate: 1-Chlorooctane	*46.6*		mg/kg	*50.0*		*93.2*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*44.5*		mg/kg	*50.0*		*89.1*	*49.1-148*			

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	BILL TO
Project Manager: Ben Belill	P.O. #:
Address: 601 N Marienfeld Street, suite 400	Company: XTO Energy
City: Midland State: TX Zip: 79701	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address:
Project #: 03C1558583 Project Owner:	City:
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip:
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	TPH	BTEX
H251009		0-3' 2/12/25										✓						
1	FS 16	0.5'	C	1			X					X		2/18/25	9:40	X	X	X
2	FS 17														10:00			
3	FS 18														10:15			
4	FS 19														10:30			
5	FS 20														10:32			
6	FS 21														10:40			
7	FS 22														11:00			
8	FS 23														13:30			
9	FS 24														13:35			
10	FS 25														13:45			

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Relinquished By:	Date: 2.20.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1402		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		REMARKS:
Delivered By: (Circle One)	Observed Temp. °C 1.2	Sample Condition: Cool ☑ Yes Intact ☑ Yes	Cost Code: 2258891001 Incident Number nAPP2434530896
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5	☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Rush ☒ 24 hr
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3°
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C
2/20/25

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

FORM-006 R 3.2 10/07/21

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

2-2

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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	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 601 N Marienfeld Street, suite 400	Company: XTO Energy
City: Midland State: TX Zip: 79701	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address:
Project #: 03C1558583 Project Owner:	City:
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip:
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana	Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	TPH	BTEX
H25009		T- 3/12/25																
11	CS04	0.5'	C	1			X					X		2/18/25	945	X	X	X
12	CS05	0.5'													958			
13	CS06														1005			
14	CS07														1014			
15	CS08														1022			

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Relinquished By:	Date: 3/12/25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1400		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		REMARKS:
Delivered By: (Circle One)	Observed Temp. °C 1.2	Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5		

Cost Code: 2258891001 Incident Number nAPP2434530896

Turnaround Time: 24hr Standard Rush

Thermometer ID ~~#113~~ #140 Correction Factor ~~-0.5°C~~ +0.3°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No

Observed 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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

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

March 13, 2025

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/20/25 14:02.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 31 1'	H251011-01	Soil	19-Feb-25 10:13	20-Feb-25 14:02
FS 26 1'	H251011-02	Soil	19-Feb-25 10:19	20-Feb-25 14:02
FS 27 1'	H251011-03	Soil	19-Feb-25 10:25	20-Feb-25 14:02
FS 28 1'	H251011-04	Soil	19-Feb-25 10:22	20-Feb-25 14:02
FS 36 1'	H251011-05	Soil	19-Feb-25 10:32	20-Feb-25 14:02
FS 37 1'	H251011-06	Soil	19-Feb-25 10:44	20-Feb-25 14:02
FS 38 1'	H251011-07	Soil	19-Feb-25 10:55	20-Feb-25 14:02
FS 39 1'	H251011-08	Soil	19-Feb-25 10:53	20-Feb-25 14:02
FS 40 1'	H251011-09	Soil	19-Feb-25 10:56	20-Feb-25 14:02
FS 41 1'	H251011-10	Soil	19-Feb-25 11:01	20-Feb-25 14:02
FS 47 1'	H251011-11	Soil	19-Feb-25 12:37	20-Feb-25 14:02
FS 48 1'	H251011-12	Soil	19-Feb-25 12:43	20-Feb-25 14:02
FS 49 1'	H251011-13	Soil	19-Feb-25 12:47	20-Feb-25 14:02
FS 50 1'	H251011-14	Soil	19-Feb-25 12:51	20-Feb-25 14:02
FS 61 1'	H251011-15	Soil	19-Feb-25 12:55	20-Feb-25 14:02
FS 62 1'	H251011-16	Soil	19-Feb-25 13:00	20-Feb-25 14:02
FS 68 1'	H251011-17	Soil	19-Feb-25 13:05	20-Feb-25 14:02
FS 69 1'	H251011-18	Soil	19-Feb-25 13:10	20-Feb-25 14:02
FS 64 1'	H251011-19	Soil	19-Feb-25 13:40	20-Feb-25 14:02
FS 66 1'	H251011-20	Soil	19-Feb-25 13:45	20-Feb-25 14:02
FS 29 1'	H251011-21	Soil	19-Feb-25 10:07	20-Feb-25 14:02
FS 30 1'	H251011-22	Soil	19-Feb-25 10:05	20-Feb-25 14:02
FS 33 1'	H251011-23	Soil	19-Feb-25 10:40	20-Feb-25 14:02
FS 34 1'	H251011-24	Soil	19-Feb-25 10:43	20-Feb-25 14:02
FS 35 1'	H251011-25	Soil	19-Feb-25 10:47	20-Feb-25 14:02
FS 42 1'	H251011-26	Soil	19-Feb-25 11:18	20-Feb-25 14:02
FS 43 1'	H251011-27	Soil	19-Feb-25 11:27	20-Feb-25 14:02

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 44 1'	H251011-28	Soil	19-Feb-25 11:31	20-Feb-25 14:02
FS 45 1'	H251011-29	Soil	19-Feb-25 11:36	20-Feb-25 14:02
FS 46 1'	H251011-30	Soil	19-Feb-25 11:23	20-Feb-25 14:02
FS 56 1'	H251011-31	Soil	19-Feb-25 13:29	20-Feb-25 14:02
FS 57 1'	H251011-32	Soil	19-Feb-25 13:32	20-Feb-25 14:02
FS 58 1'	H251011-33	Soil	19-Feb-25 13:40	20-Feb-25 14:02
FS 59 1'	H251011-34	Soil	19-Feb-25 13:44	20-Feb-25 14:02
FS 60 1'	H251011-35	Soil	19-Feb-25 13:49	20-Feb-25 14:02
FS 71 1'	H251011-36	Soil	19-Feb-25 14:02	20-Feb-25 14:02
FS 72 1'	H251011-37	Soil	19-Feb-25 14:04	20-Feb-25 14:02
FS 73 1'	H251011-38	Soil	19-Feb-25 14:06	20-Feb-25 14:02
FS 51 1'	H251011-39	Soil	19-Feb-25 12:58	20-Feb-25 14:02
FS 52 1'	H251011-40	Soil	19-Feb-25 13:03	20-Feb-25 14:02
FS 67 1'	H251011-41	Soil	19-Feb-25 13:50	20-Feb-25 14:02
FS 70 1'	H251011-42	Soil	19-Feb-25 13:55	20-Feb-25 14:02
FS 63 1'	H251011-43	Soil	19-Feb-25 14:00	20-Feb-25 14:02
FS 53 1'	H251011-44	Soil	19-Feb-25 13:08	20-Feb-25 14:02
FS 54 1'	H251011-45	Soil	19-Feb-25 13:12	20-Feb-25 14:02
FS 55 1'	H251011-46	Soil	19-Feb-25 13:16	20-Feb-25 14:02
CS 10 0.5'	H251011-47	Soil	19-Feb-25 13:15	20-Feb-25 14:02
CS 11 0.5'	H251011-48	Soil	19-Feb-25 13:20	20-Feb-25 14:02
CS 12 0.5'	H251011-49	Soil	19-Feb-25 13:25	20-Feb-25 14:02
CS 13 0.5'	H251011-50	Soil	19-Feb-25 13:30	20-Feb-25 14:02
CS 14 0.5'	H251011-51	Soil	19-Feb-25 13:35	20-Feb-25 14:02
CS 09 0.5'	H251011-52	Soil	19-Feb-25 11:15	20-Feb-25 14:02

03/13/25 - Client changed the sample depths (see COC). This is the revised report and will replace the one sent on 02/21/25.

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 31 1'

H251011-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**0.618**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**0.618**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**17.3**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**683**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**71.5**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*105 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*105 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 26 1'

H251011-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	**0.083**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.139**		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**2.36**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**2.59**		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*139 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**82.0**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1640**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**211**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*117 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*112 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 27 1'

H251011-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**416**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.100		0.100	mg/kg	100	5022032	JH	21-Feb-25	8021B	
Toluene*	**2.14**		0.100	mg/kg	100	5022032	JH	21-Feb-25	8021B	GC-NC1
Ethylbenzene*	**1.93**		0.100	mg/kg	100	5022032	JH	21-Feb-25	8021B	GC-NC1
Total Xylenes*	**32.3**		0.300	mg/kg	100	5022032	JH	21-Feb-25	8021B	GC-NC1
Total BTEX	**36.3**		0.600	mg/kg	100	5022032	JH	21-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*212 %*	*71.5-134*		*5022032*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**578**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**3220**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**379**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*149 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*119 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 28 1'

H251011-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022032	JH	20-Feb-25	8021B	
Total Xylenes*	**0.298**		0.150	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	<0.300		0.300	mg/kg	50	5022032	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5022032*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**421**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**46.2**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*114 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*117 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 36 1'

H251011-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**313**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**38.8**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*108 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*111 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 37 1'

H251011-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5022142	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**207**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**17.7**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*109 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*111 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 38 1'

H251011-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1180**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	QM-07
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	**0.142**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**1.13**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**3.62**		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**4.89**		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*135 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**108**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1750**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**234**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*122 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*117 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 39 1'

H251011-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1600**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.366**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**1.24**		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**1.61**		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*119 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**49.2**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1850**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**237**		10.0	mg/kg	1	5022036	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*111 %*	*48.2-134*		*5022036*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*118 %*	*49.1-148*		*5022036*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 40 1'

H251011-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**356**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**48.6**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.2 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*92.0 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 41 1'

H251011-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	**0.571**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**2.83**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**10.3**		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**13.7**		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*152 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**264**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1360**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**146**		10.0	mg/kg	1	5022041	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*97.5 %*	*48.2-134*		*5022041*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.2 %*	*49.1-148*		*5022041*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 47 1'

H251011-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1360**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	**0.050**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.667**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**1.81**		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**2.52**		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*129 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**130**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**3130**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**311**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*137 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*121 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 48 1'

H251011-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**960**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.054**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1470**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**170**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*83.9 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.3 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 49 1'

H251011-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3200**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1140**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**136**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*91.5 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.0 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 50 1'

H251011-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2040**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.269**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.602**		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**0.871**		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*115 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**40.4**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1180**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**132**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*99.3 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.1 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 61 1'

H251011-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2920**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.149**		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.276**		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**0.424**		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**20.2**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1190**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**134**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*92.0 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.7 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 62 1'

H251011-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**101**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.8 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.5 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 68 1'

H251011-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**528**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*96.3 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.5 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

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FS 69 1'

H251011-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1740**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
DRO >C10-C28*	**128**		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022042	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*98.0 %*	*48.2-134*		*5022042*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*100 %*	*49.1-148*		*5022042*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

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FS 64 1'

H251011-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1760**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022043	MS	21-Feb-25	8015B	
DRO >C10-C28*	**669**		10.0	mg/kg	1	5022043	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**82.8**		10.0	mg/kg	1	5022043	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*85.5 %*	*48.2-134*		*5022043*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.5 %*	*49.1-148*		*5022043*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 66 1'

H251011-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022043	MS	21-Feb-25	8015B	
DRO >C10-C28*	**30.3**		10.0	mg/kg	1	5022043	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022043	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*78.7 %*	*48.2-134*		*5022043*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*49.1-148*		*5022043*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

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FS 29 1'

H251011-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**16.0**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*95.8 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*98.7 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

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FS 30 1'

H251011-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022033	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022033*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**13.5**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**838**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**103**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*96.9 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.5 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 33 1'

H251011-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**544**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.100		0.100	mg/kg	100	5022033	JH	21-Feb-25	8021B	
Toluene*	**3.67**		0.100	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Ethylbenzene*	**5.57**		0.100	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Total Xylenes*	**29.8**		0.300	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Total BTEX	**39.0**		0.600	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*147 %*	*71.5-134*		*5022033*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**544**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**3240**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**371**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*123 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.7 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

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FS 34 1'

H251011-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**672**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.100		0.100	mg/kg	100	5022033	JH	21-Feb-25	8021B	
Toluene*	**2.56**		0.100	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Ethylbenzene*	**5.73**		0.100	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Total Xylenes*	**27.7**		0.300	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Total BTEX	**36.0**		0.600	mg/kg	100	5022033	JH	21-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*152 %*	*71.5-134*		*5022033*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**450**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**2640**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**306**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*133 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*97.3 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 35 1'

H251011-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.8 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.5 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 42 1'

H251011-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1400**		16.0	mg/kg	4	5022138	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	21-Feb-25	8021B	
Toluene*	**0.435**		0.050	mg/kg	50	5022034	JH	21-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.278**		0.050	mg/kg	50	5022034	JH	21-Feb-25	8021B	GC-NC1
Total Xylenes*	**4.82**		0.150	mg/kg	50	5022034	JH	21-Feb-25	8021B	GC-NC1
Total BTEX	**5.53**		0.300	mg/kg	50	5022034	JH	21-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*139 %*	*71.5-134*		*5022034*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**678**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**3460**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**404**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*143 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*98.9 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 43 1'

H251011-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2480**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.500		0.500	mg/kg	500	5022034	JH	21-Feb-25	8021B	
Toluene*	**3.86**		0.500	mg/kg	500	5022034	JH	21-Feb-25	8021B	GC-NC1
Ethylbenzene*	**2.93**		0.500	mg/kg	500	5022034	JH	21-Feb-25	8021B	GC-NC1
Total Xylenes*	**52.6**		1.50	mg/kg	500	5022034	JH	21-Feb-25	8021B	GC-NC1
Total BTEX	**59.4**		3.00	mg/kg	500	5022034	JH	21-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*144 %*	*71.5-134*		*5022034*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**987**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**8690**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**1000**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*399 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*184 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 44 1'

H251011-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	21-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	21-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	21-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	21-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	21-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022034*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**105**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**18.5**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*99.3 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*102 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 45 1'

H251011-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**416**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**121**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**11.3**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*91.9 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.7 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 46 1'

H251011-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**528**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	**0.460**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**0.460**		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*120 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**22.0**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**988**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**131**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*94.4 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.2 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 56 1'

H251011-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**848**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	**0.445**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**0.445**		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*118 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**13.3**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**656**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**92.2**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*88.9 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*85.8 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 57 1'

H251011-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1330**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**54.1**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*92.4 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.5 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 58 1'

H251011-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**4000**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	**0.384**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**0.384**		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*128 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**36.3**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**1480**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**173**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*90.5 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.2 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 59 1'

H251011-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**6480**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**502**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**85.1**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*91.0 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.8 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 60 1'

H251011-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**8720**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	**0.794**		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.930**		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**19.5**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**21.2**		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*209 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**442**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**5710**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**712**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*243 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*116 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 71 1'

H251011-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2960**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	**0.207**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*114 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**794**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**108**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*98.4 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.4 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 72 1'

H251011-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**7300**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	**0.334**		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.512**		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**13.3**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**14.1**		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*200 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**393**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**4570**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**584**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*173 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*111 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 73 1'

H251011-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**6160**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.100		0.100	mg/kg	100	5022034	JH	21-Feb-25	8021B	
Toluene*	**1.30**		0.100	mg/kg	100	5022034	JH	21-Feb-25	8021B	GC-NC1
Ethylbenzene*	**1.71**		0.100	mg/kg	100	5022034	JH	21-Feb-25	8021B	GC-NC1
Total Xylenes*	**31.0**		0.300	mg/kg	100	5022034	JH	21-Feb-25	8021B	GC-NC1
Total BTEX	**34.0**		0.600	mg/kg	100	5022034	JH	21-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*193 %*	*71.5-134*		*5022034*	JH	*21-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**554**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**5410**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**698**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*203 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*109 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 51 1'

H251011-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**896**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**293**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**47.6**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*79.1 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.1 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 52 1'

H251011-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**752**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
DRO >C10-C28*	**817**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**113**		10.0	mg/kg	1	5022037	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*73.1 %*	*48.2-134*		*5022037*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.7 %*	*49.1-148*		*5022037*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 67 1'

H251011-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*81.7 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.3 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 70 1'

H251011-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2960**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	**0.186**		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Ethylbenzene*	**0.237**		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**5.54**		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**5.96**		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*172 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**270**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**2430**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**248**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*116 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*125 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

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FS 63 1'

H251011-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**28.7**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*73.5 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.9 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 53 1'

H251011-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1220**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022034	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5022034*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**1860**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**222**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*88.3 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*115 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 54 1'

H251011-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**496**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**1150**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**130**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*78.5 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.7 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

FS 55 1'

H251011-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1620**		16.0	mg/kg	4	5022143	HM	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	**0.234**		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	GC-NC1
Total Xylenes*	**3.62**		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	GC-NC1
Total BTEX	**3.86**		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*160 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**172**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**1960**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**207**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*117 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

CS 10 0.5'

H251011-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1800**		16.0	mg/kg	4	5022139	AC	21-Feb-25	4500-Cl-B	QM-07
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.7 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**158**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**14.7**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*72.0 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.1 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

CS 11 0.5'

H251011-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1240**		16.0	mg/kg	4	5022139	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.8 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**243**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**25.5**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*68.5 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.3 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

CS 12 0.5'

H251011-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**960**		16.0	mg/kg	4	5022139	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.2 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
DRO >C10-C28*	**262**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
EXT DRO >C28-C36	**28.4**		10.0	mg/kg	1	5022039	MS	20-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*85.1 %*	*48.2-134*		*5022039*	MS	*20-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*92.5 %*	*49.1-148*		*5022039*	MS	*20-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

CS 13 0.5'

H251011-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**896**		16.0	mg/kg	4	5022139	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.1 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
DRO >C10-C28*	**148**		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**20.9**		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*76.4 %*	*48.2-134*		*5022039*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.4 %*	*49.1-148*		*5022039*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

CS 14 0.5'

H251011-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1140**		16.0	mg/kg	4	5022139	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.5 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
DRO >C10-C28*	**284**		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	**35.9**		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*76.4 %*	*48.2-134*		*5022039*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.4 %*	*49.1-148*		*5022039*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

CS 09 0.5'

H251011-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5022139	AC	21-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022035	JH	20-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.6 %*	*71.5-134*		*5022035*	JH	*20-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022039	MS	21-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*90.7 %*	*48.2-134*		*5022039*	MS	*21-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.0 %*	*49.1-148*		*5022039*	MS	*21-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022138 - 1:4 DI Water										
Blank (5022138-BLK1)				Prepared & Analyzed: 21-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022138-BS1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5022138-BSD1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 5022139 - 1:4 DI Water										
Blank (5022139-BLK1)				Prepared & Analyzed: 21-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022139-BS1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5022139-BSD1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 5022142 - 1:4 DI Water										
Blank (5022142-BLK1)				Prepared & Analyzed: 21-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022142-BS1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022142 - 1:4 DI Water										
LCS Dup (5022142-BSD1)				Prepared & Analyzed: 21-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 5022143 - 1:4 DI Water										
Blank (5022143-BLK1)				Prepared & Analyzed: 21-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022143-BS1)				Prepared & Analyzed: 21-Feb-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5022143-BSD1)				Prepared & Analyzed: 21-Feb-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022032 - Volatiles										
Blank (5022032-BLK1)				Prepared & Analyzed: 20-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*98.5*	*71.5-134*			
LCS (5022032-BS1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.07	0.050	mg/kg	2.00		104	82.8-130			
Toluene	2.16	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	85.9-128			
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	89-129			
o-Xylene	2.05	0.050	mg/kg	2.00		102	86.1-125			
Total Xylenes	6.20	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0487*		mg/kg	*0.0500*		*97.5*	*71.5-134*			
LCS Dup (5022032-BSD1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.05	0.050	mg/kg	2.00		103	82.8-130	1.01	15.8	
Toluene	2.14	0.050	mg/kg	2.00		107	86-128	0.808	15.9	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	85.9-128	0.942	16	
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89-129	0.816	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	0.850	16.7	
Total Xylenes	6.15	0.150	mg/kg	6.00		102	88.2-128	0.827	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0484*		mg/kg	*0.0500*		*96.8*	*71.5-134*			
Batch 5022033 - Volatiles										
Blank (5022033-BLK1)				Prepared & Analyzed: 20-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022033 - Volatiles										
Blank (5022033-BLK1)				Prepared & Analyzed: 20-Feb-25						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0545*		mg/kg	*0.0500*		*109*	*71.5-134*			
LCS (5022033-BS1)				Prepared & Analyzed: 20-Feb-25						
Benzene	1.98	0.050	mg/kg	2.00		99.2	82.8-130			
Toluene	2.22	0.050	mg/kg	2.00		111	86-128			
Ethylbenzene	2.31	0.050	mg/kg	2.00		115	85.9-128			
m,p-Xylene	4.66	0.100	mg/kg	4.00		117	89-129			
o-Xylene	2.25	0.050	mg/kg	2.00		112	86.1-125			
Total Xylenes	6.91	0.150	mg/kg	6.00		115	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0517*		mg/kg	*0.0500*		*103*	*71.5-134*			
LCS Dup (5022033-BSD1)				Prepared & Analyzed: 20-Feb-25						
Benzene	1.97	0.050	mg/kg	2.00		98.6	82.8-130	0.567	15.8	
Toluene	2.17	0.050	mg/kg	2.00		109	86-128	1.96	15.9	
Ethylbenzene	2.30	0.050	mg/kg	2.00		115	85.9-128	0.261	16	
m,p-Xylene	4.62	0.100	mg/kg	4.00		115	89-129	0.969	16.2	
o-Xylene	2.21	0.050	mg/kg	2.00		111	86.1-125	1.44	16.7	
Total Xylenes	6.83	0.150	mg/kg	6.00		114	88.2-128	1.12	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0510*		mg/kg	*0.0500*		*102*	*71.5-134*			
Batch 5022034 - Volatiles										
Blank (5022034-BLK1)				Prepared & Analyzed: 20-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0535*		mg/kg	*0.0500*		*107*	*71.5-134*			

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022034 - Volatiles										
LCS (5022034-BS1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.10	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.20	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.24	0.050	mg/kg	2.00		112	85.9-128			
m,p-Xylene	4.64	0.100	mg/kg	4.00		116	89-129			
o-Xylene	2.19	0.050	mg/kg	2.00		110	86.1-125			
Total Xylenes	6.83	0.150	mg/kg	6.00		114	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0519*		mg/kg	*0.0500*		*104*	*71.5-134*			
LCS Dup (5022034-BSD1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.14	0.050	mg/kg	2.00		107	82.8-130	1.90	15.8	
Toluene	2.19	0.050	mg/kg	2.00		110	86-128	0.453	15.9	
Ethylbenzene	2.22	0.050	mg/kg	2.00		111	85.9-128	1.13	16	
m,p-Xylene	4.60	0.100	mg/kg	4.00		115	89-129	0.861	16.2	
o-Xylene	2.15	0.050	mg/kg	2.00		108	86.1-125	1.87	16.7	
Total Xylenes	6.75	0.150	mg/kg	6.00		113	88.2-128	1.18	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0502*		mg/kg	*0.0500*		*100*	*71.5-134*			
Batch 5022035 - Volatiles										
Blank (5022035-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*97.8*	*71.5-134*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022035 - Volatiles										
LCS (5022035-BS1)				Prepared & Analyzed: 20-Feb-25						
Benzene	2.00	0.050	mg/kg	2.00		100	82.8-130			
Toluene	2.12	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.08	0.100	mg/kg	4.00		102	89-129			
o-Xylene	2.00	0.050	mg/kg	2.00		99.9	86.1-125			
Total Xylenes	6.08	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0490*		mg/kg	*0.0500*		*98.1*	*71.5-134*			
LCS Dup (5022035-BSD1)				Prepared & Analyzed: 20-Feb-25						
Benzene	1.99	0.050	mg/kg	2.00		99.4	82.8-130	0.819	15.8	
Toluene	2.10	0.050	mg/kg	2.00		105	86-128	0.661	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	0.429	16	
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	89-129	0.755	16.2	
o-Xylene	1.99	0.050	mg/kg	2.00		99.6	86.1-125	0.246	16.7	
Total Xylenes	6.04	0.150	mg/kg	6.00		101	88.2-128	0.587	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0490*		mg/kg	*0.0500*		*98.0*	*71.5-134*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022036 - General Prep - Organics										
Blank (5022036-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*54.7*		mg/kg	*50.0*		*109*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*52.8*		mg/kg	*50.0*		*106*	*49.1-148*			
LCS (5022036-BS1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	218	10.0	mg/kg	200		109	81.5-123			
DRO >C10-C28	215	10.0	mg/kg	200		108	77.7-122			
Total TPH C6-C28	433	10.0	mg/kg	400		108	80.9-121			
Surrogate: 1-Chlorooctane	*60.5*		mg/kg	*50.0*		*121*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*58.7*		mg/kg	*50.0*		*117*	*49.1-148*			
LCS Dup (5022036-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	216	10.0	mg/kg	200		108	81.5-123	0.994	13	
DRO >C10-C28	202	10.0	mg/kg	200		101	77.7-122	6.03	15.6	
Total TPH C6-C28	418	10.0	mg/kg	400		105	80.9-121	3.46	18.5	
Surrogate: 1-Chlorooctane	*60.8*		mg/kg	*50.0*		*122*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*55.3*		mg/kg	*50.0*		*111*	*49.1-148*			
Batch 5022037 - General Prep - Organics										
Blank (5022037-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*49.7*		mg/kg	*50.0*		*99.4*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*49.3*		mg/kg	*50.0*		*98.6*	*49.1-148*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022037 - General Prep - Organics										
LCS (5022037-BS1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	203	10.0	mg/kg	200		101	81.5-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	77.7-122			
Total TPH C6-C28	404	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	*57.1*		mg/kg	*50.0*		*114*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*54.3*		mg/kg	*50.0*		*109*	*49.1-148*			
LCS Dup (5022037-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	199	10.0	mg/kg	200		99.3	81.5-123	2.04	13	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	77.7-122	1.59	15.6	
Total TPH C6-C28	397	10.0	mg/kg	400		99.3	80.9-121	1.81	18.5	
Surrogate: 1-Chlorooctane	*55.0*		mg/kg	*50.0*		*110*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*51.8*		mg/kg	*50.0*		*104*	*49.1-148*			
Batch 5022039 - General Prep - Organics										
Blank (5022039-BLK1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*48.9*		mg/kg	*50.0*		*97.7*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*49.2*		mg/kg	*50.0*		*98.4*	*49.1-148*			
LCS (5022039-BS1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	237	10.0	mg/kg	200		119	81.5-123			
DRO >C10-C28	228	10.0	mg/kg	200		114	77.7-122			
Total TPH C6-C28	466	10.0	mg/kg	400		116	80.9-121			
Surrogate: 1-Chlorooctane	*56.6*		mg/kg	*50.0*		*113*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*58.6*		mg/kg	*50.0*		*117*	*49.1-148*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022039 - General Prep - Organics										
LCS Dup (5022039-BSD1)				Prepared & Analyzed: 20-Feb-25						
GRO C6-C10	233	10.0	mg/kg	200		117	81.5-123	1.75	13	
DRO >C10-C28	221	10.0	mg/kg	200		110	77.7-122	3.37	15.6	
Total TPH C6-C28	454	10.0	mg/kg	400		114	80.9-121	2.54	18.5	
Surrogate: 1-Chlorooctane	*53.8*		mg/kg	*50.0*		*108*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*55.0*		mg/kg	*50.0*		*110*	*49.1-148*			
Batch 5022041 - General Prep - Organics										
Blank (5022041-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*43.2*		mg/kg	*50.0*		*86.4*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*41.2*		mg/kg	*50.0*		*82.4*	*49.1-148*			
LCS (5022041-BS1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123			
DRO >C10-C28	190	10.0	mg/kg	200		94.9	77.7-122			
Total TPH C6-C28	392	10.0	mg/kg	400		97.9	80.9-121			
Surrogate: 1-Chlorooctane	*47.6*		mg/kg	*50.0*		*95.2*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*45.0*		mg/kg	*50.0*		*90.0*	*49.1-148*			
LCS Dup (5022041-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123	0.110	13	
DRO >C10-C28	194	10.0	mg/kg	200		96.9	77.7-122	2.15	15.6	
Total TPH C6-C28	396	10.0	mg/kg	400		99.0	80.9-121	1.10	18.5	
Surrogate: 1-Chlorooctane	*46.6*		mg/kg	*50.0*		*93.2*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*44.5*		mg/kg	*50.0*		*89.1*	*49.1-148*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022042 - General Prep - Organics										
Blank (5022042-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*48.5*		mg/kg	*50.0*		*97.0*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*46.5*		mg/kg	*50.0*		*93.1*	*49.1-148*			
LCS (5022042-BS1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123			
DRO >C10-C28	194	10.0	mg/kg	200		97.1	77.7-122			
Total TPH C6-C28	400	10.0	mg/kg	400		100	80.9-121			
Surrogate: 1-Chlorooctane	*54.8*		mg/kg	*50.0*		*110*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*54.0*		mg/kg	*50.0*		*108*	*49.1-148*			
LCS Dup (5022042-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	205	10.0	mg/kg	200		103	81.5-123	0.394	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.5	77.7-122	1.67	15.6	
Total TPH C6-C28	396	10.0	mg/kg	400		99.1	80.9-121	1.01	18.5	
Surrogate: 1-Chlorooctane	*52.5*		mg/kg	*50.0*		*105*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*51.4*		mg/kg	*50.0*		*103*	*49.1-148*			
Batch 5022043 - General Prep - Organics										
Blank (5022043-BLK1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*50.3*		mg/kg	*50.0*		*101*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*51.2*		mg/kg	*50.0*		*102*	*49.1-148*			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:32

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022043 - General Prep - Organics										
LCS (5022043-BS1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	198	10.0	mg/kg	200		98.8	81.5-123			
DRO >C10-C28	193	10.0	mg/kg	200		96.4	77.7-122			
Total TPH C6-C28	390	10.0	mg/kg	400		97.6	80.9-121			
Surrogate: 1-Chlorooctane	*55.8*		mg/kg	*50.0*		*112*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*58.0*		mg/kg	*50.0*		*116*	*49.1-148*			
LCS Dup (5022043-BSD1)				Prepared: 20-Feb-25 Analyzed: 21-Feb-25						
GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123	5.95	13	
DRO >C10-C28	208	10.0	mg/kg	200		104	77.7-122	7.73	15.6	
Total TPH C6-C28	418	10.0	mg/kg	400		105	80.9-121	6.83	18.5	
Surrogate: 1-Chlorooctane	*60.6*		mg/kg	*50.0*		*121*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*61.8*		mg/kg	*50.0*		*124*	*49.1-148*			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, suite 400	**Company:** XTO Energy
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:**
Project #: 03C1558583 **Project Owner:**	**City:**
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:**
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Uriel Santillana / Jesse Dorman	**Fax #:**

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chlorides	BTEX	TPH
H25101 1	FS31	0.5'	C	1			X					X		2/19/25	1013	X	X	X
2	FS26														1019			
3	FS27														1025			
4	FS28														1022			
5	FS36														1032			
6	FS37														1044			
7	FS38														1055			
8	FS39														1053			
9	FS40														1056			
10	FS41														1101			

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Relinquished By:	**Date:** 2-20-25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1452		**All Results are emailed. Please provide Email address:**
Relinquished By:	**Date:**	**Received By:**	bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		**REMARKS:** †Cust. Req. Depth Changes. † 3/12/25
			Cost Code: 2258891001 Incident Number nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C 12.6	**Sample Condition** Cool Intact	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☐ Rush ☒ 24 hr
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5	☑ Yes ☑ Yes ☐ No ☐ No		**Thermometer ID** #113 #140 **Correction Factor** -0.5°C +0.3°

Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, suite 400	**Company:** XTO Energy
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:**
Project #: 03C1558583 **Project Owner:**	**City:**
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:**
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Uriel Santillana / Jesse Dorman	**Fax #:**

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	BTEX	TPH
H251011		*														X	X	X
11	FS47	0-5'	C	1			X					X		2/19/25	1237			
12	FS48														1243			
13	FS49														1247			
14	FS50														1251			
15	FS61														1255			
16	FS62														1300			
17	FS68														1305			
18	FS69														1310			
19	FS64														1340			
20	FS66														1345			

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Relinquished By:	**Date:** 3.20.25	**Received By:**	
	Time: 1402		
Relinquished By:	**Date:**	**Received By:**	
	Time:		

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**

All Results are emailed. Please provide Email address:
bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com

REMARKS: * Cust. Req. Depth changes per 3/12/25
Cost Code: 2258891001 Incident Number nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C 1.2	**Sample Condition** Cool / Intact	**CHECKED BY: (Initials)**	**Turnaround Time:** 24 hr **Standard** ☐ **Rush** ☒
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5	☑ Yes ☑ Yes ☐ No ☐ No		**Thermometer ID** ~~#113~~ #140 **Correction Factor** ~~-0.5°C~~ +0.3°C

Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E. Green St.
Project #: 03C1558583 Project Owner: XTO	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Jesse Dorman Uriel Santillana	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	CHLORIDE
H251011		*																
21	FS24	1' x 1'	C	1			X					X		2/19/25	1007	X	X	X
22	FS30														1005			
23	FS33														1040			
24	FS34														1043			
25	FS35														1047			
26	FS42														1118			
27	FS43														1127			
28	FS44														1131			
29	FS45														1136			
30	FS46														1123			

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Relinquished By:	Date: 2.20.25	Received By:	Verbal Result: ☐Yes ☐No Add'l Phone #:
	Time: 1402		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	Date:	Received By:	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		REMARKS: * Cust. Req. Depth changes. Incident ID: nAPP2434530896 Cost Center: 2258891001

Delivered By: (Circle One)	Observed Temp. °C 1.2	Sample Condition: Cool ☑Yes ☐No Intact ☐Yes ☐No	CHECKED BY: (Initials)	Turnaround Time: ☐ Standard ☐ Rush Thermometer ID #140 #113 Correction Factor -0.5 +0.3
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5			☑ Bacteria (only) Sample Condition: Cool ☐Yes ☐No Intact ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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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	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E. Green St.
Project #: 03C1558583 Project Owner: XTO	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Jesse Dorman Uriel Santillana	Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251011																		
31	FS56	1	G	1			X					X		2/19/25	1324	X	X	X
32	FS57														1332			
33	FS58														1340			
34	FS59														1349			
35	FS60														1359			
36	FS71														1402			
37	FS72														1404			
38	FS73														1406			
39	FS61														1258			
40	FS52														1303			

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Relinquished By:	Date: 2.20.25	Received By:	Verbal Result: ☐Yes ☐No Add'l Phone #:
	Time: 1402		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	Date:	Received By:	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		REMARKS: * Cust. Req. Depth Changes. T.O. - 3/12/25 Incident ID: nAPP2434530896
			Cost Center: 2258891001

Delivered By: (Circle One)	Observed Temp. °C 1.2	Sample Condition: Cool ☑Yes ☐No Intact ☑Yes ☐No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ #140 Bacteria (only) Sample Condition: Cool ☐Yes ☐No Intact ☐Yes ☐No Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5			Thermometer ID #113 Correction Factor -0.5°C +0.3 24hr T.O. - 2/20/25 Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 601 N Marienfeld Street, suite 400	Company: XTO Energy
City: Midland State: TX Zip: 79701	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address:
Project #: 03C1558583 Project Owner:	City:
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip:
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Uriel Santillana / Jesse Dorman	Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H251011		*																
41	FS67	10.5'	C	1			X					X		2/19/25	1350	X	X	X
42	FS70														1355			
43	FS63														1400			
44	FS53														1308			
45	FS54														1312			
46	FS55														1316			

US

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Relinquished By:	Date: 2.20.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1402		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
	Time:		REMARKS: * Customer Req. Depth Changes. Cost Code: 2258891001 Incident Number nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C 1.0	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☒ Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5	☑ Yes ☑ Yes ☐ No ☐ No		Thermometer ID #113 #140 Correction Factor -0.5°C +0.3 Yes Yes No No Corrected Temp. °C

3/12/25

2/20/25

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 601 N Marienfeld Street, suite 400	**Company:** XTO Energy
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:**
Project #: 03C1558583 **Project Owner:**	**City:**
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:**
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Uriel Santillana	**Fax #:**

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	BTEX	TPH
H251011																X	X	X
47	CS10	0.5'	C	1			X					X		2/14/25	1315			
48	CS11														1320			
49	CS12														1325			
50	CS13														1330			
51	CS14														1335			
52	CS09														1115			

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Relinquished By:	**Date:** 2.20.25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1402		**All Results are emailed. Please provide Email address:** bbelill@ensolum.com kthomason@ensolum.com usantillana@ensolum.com
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** Cost Code: 2258891001 Incident Number nAPP2434530896
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 1.2	**Sample Condition** Cool Intact	**CHECKED BY: (Initials)**	**Turnaround Time:** 24hr **Standard** ☐ **Rush** ☒
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.5	☑ Yes ☑ Yes ☐ No ☐ No		**Thermometer ID** ~~#113~~ #140 **Correction Factor** ~~0.5°C~~ +0.3c
				Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

February 25, 2025

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/24/25 12:30.

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

Cardinal Laboratories is 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.

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

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 15 .5' (H251068-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	**0.053**	0.050	02/24/2025	ND	2.32	116	2.00	5.18	GC-NC1
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**14600**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**670**	10.0	02/24/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	**101**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *99.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 16 .5' (H251068-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1020**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**80.1**	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	**10.2**	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 17 .5' (H251068-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2280**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**70.9**	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 18 .5' (H251068-04)

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	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3440**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**17.7**	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 19 .5' (H251068-05)

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	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11000**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**2550**	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	**381**	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *122 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *146 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 20 .5' (H251068-06)

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	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**12.4**	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *89.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.8 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 21 .5' (H251068-07)

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	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	<10.0	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 22 .5' (H251068-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.12	106	2.00	3.94	
Toluene*	<0.050	0.050	02/24/2025	ND	2.28	114	2.00	5.64	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.18	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.19	120	6.00	3.49	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	201	101	200	3.81	
DRO >C10-C28*	**34.7**	10.0	02/25/2025	ND	183	91.6	200	7.19	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *98.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 23 .5' (H251068-09)

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	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**36.5**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *90.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 24 .5' (H251068-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3600**	16.0	02/25/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**142**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**27.0**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *84.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 25 .5' (H251068-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	**0.102**	0.050	02/24/2025	ND	2.10	105	2.00	1.43	GC-NC1
Total Xylenes*	**0.292**	0.150	02/24/2025	ND	6.20	103	6.00	1.44	GC-NC1
Total BTEX	**0.394**	0.300	02/24/2025	ND					GC-NC1

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1640**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**15.7**	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**387**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**53.5**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *78.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 26 .5' (H251068-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	**0.203**	0.050	02/24/2025	ND	2.10	105	2.00	1.43	GC-NC1
Total Xylenes*	**0.563**	0.150	02/24/2025	ND	6.20	103	6.00	1.44	GC-NC1
Total BTEX	**0.765**	0.300	02/24/2025	ND					GC-NC1

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1880**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**34.3**	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**743**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**94.7**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *73.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.6 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 27 .5' (H251068-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2280**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**168**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**26.4**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *79.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 28 .5' (H251068-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2440**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**234**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**35.6**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 29 .5' (H251068-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**436**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**74.0**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *84.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 30 .5' (H251068-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**30.5**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 31 .5' (H251068-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**14.5**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.2 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 32 .5' (H251068-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	**0.085**	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	**0.560**	0.150	02/24/2025	ND	6.20	103	6.00	1.44	GC-NC1
Total BTEX	**0.645**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *97.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**23.8**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *94.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 33 .5' (H251068-19)

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	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**22.4**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *90.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 34 .5' (H251068-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**16.4**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *96.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 35 .5' (H251068-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**22.5**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 36 .5' (H251068-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**26.6**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.2 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 37 .5' (H251068-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**944**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**21.9**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *82.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 38 .5' (H251068-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	**0.061**	0.050	02/24/2025	ND	2.10	105	2.00	1.43	GC-NC1
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2600**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**18.7**	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**660**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**86.4**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 39 .5' (H251068-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1360**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**58.8**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *68.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 40 .5' (H251068-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.10	105	2.00	1.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1100**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**73.0**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**12.1**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *78.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 41 .5' (H251068-27)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	**0.077**	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	**0.915**	0.050	02/24/2025	ND	2.10	105	2.00	1.43	GC-NC1
Total Xylenes*	**2.69**	0.150	02/24/2025	ND	6.20	103	6.00	1.44	GC-NC1
Total BTEX	**3.69**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *146 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7760**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**171**	10.0	02/24/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**2800**	10.0	02/24/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**342**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *142 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 42 .5' (H251068-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	2.00	
Toluene*	<0.050	0.050	02/24/2025	ND	2.21	110	2.00	1.91	
Ethylbenzene*	**0.316**	0.050	02/24/2025	ND	2.10	105	2.00	1.43	GC-NC1
Total Xylenes*	**0.545**	0.150	02/24/2025	ND	6.20	103	6.00	1.44	GC-NC1
Total BTEX	**0.861**	0.300	02/24/2025	ND					GC-NC1

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3320**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**33.3**	10.0	02/25/2025	ND	211	106	200	0.814	
DRO >C10-C28*	**824**	10.0	02/25/2025	ND	204	102	200	0.825	
EXT DRO >C28-C36	**120**	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *76.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.2 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 43 .5' (H251068-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**59.5**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *91.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 44 .5' (H251068-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	02/25/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**32.2**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 45 .5' (H251068-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	02/25/2025	ND	464	116	400	7.14	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**74.4**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 46 .5' (H251068-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**672**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 47 .5' (H251068-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2640**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**58.7**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *89.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 48 .5' (H251068-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6640**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**831**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**83.2**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 49 .5' (H251068-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6600**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**128**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *90.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 50 .5' (H251068-36)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	**0.713**	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	**0.713**	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *145 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6900**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**159**	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**2910**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**271**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *134 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 51 .5' (H251068-37)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	**0.359**	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	**0.414**	0.050	02/25/2025	ND	2.19	109	2.00	1.37	GC-NC1
Total Xylenes*	**9.31**	0.150	02/25/2025	ND	6.61	110	6.00	1.30	GC-NC1
Total BTEX	**10.1**	0.300	02/25/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *185 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3440**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**397**	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**3800**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**373**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *154 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 52 .5' (H251068-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**35.3**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 53 .5' (H251068-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**19.2**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 54 .5' (H251068-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**66.7**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 55 .5' (H251068-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3080**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**270**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**26.1**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *83.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 56 .5' (H251068-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**326**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**38.6**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *89.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 57 .5' (H251068-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1420**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**46.2**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *88.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 58 .5' (H251068-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**15.6**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 59 .5' (H251068-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**145**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 60 .5' (H251068-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	<0.050	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/25/2025	ND	2.19	109	2.00	1.37	
Total Xylenes*	<0.150	0.150	02/25/2025	ND	6.61	110	6.00	1.30	
Total BTEX	<0.300	0.300	02/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**51.7**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *77.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.7 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 61 .5' (H251068-47)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	02/25/2025	ND	2.19	110	2.00	0.0960	GC-NC
Toluene*	**7.39**	0.100	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	**3.22**	0.100	02/25/2025	ND	2.19	109	2.00	1.37	GC-NC1
Total Xylenes*	**41.3**	0.300	02/25/2025	ND	6.61	110	6.00	1.30	GC-NC1
Total BTEX	**51.9**	0.600	02/25/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *206 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5280**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1030**	10.0	02/24/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**3900**	10.0	02/24/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**374**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *174 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *150 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 62 .5' (H251068-48)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2025	ND	2.19	110	2.00	0.0960	
Toluene*	**0.159**	0.050	02/25/2025	ND	2.22	111	2.00	1.05	
Ethylbenzene*	**0.211**	0.050	02/25/2025	ND	2.19	109	2.00	1.37	GC-NC1
Total Xylenes*	**4.48**	0.150	02/25/2025	ND	6.61	110	6.00	1.30	GC-NC1
Total BTEX	**4.85**	0.300	02/25/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *164 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9680**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**202**	10.0	02/25/2025	ND	219	109	200	1.45	
DRO >C10-C28*	**2810**	10.0	02/25/2025	ND	218	109	200	3.84	
EXT DRO >C28-C36	**288**	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *134 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 63 .5' (H251068-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**0.127**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.277**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**5.38**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1, QM-07
Total BTEX	**5.78**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *132 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9000**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**221**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**2160**	10.0	02/24/2025	ND	178	89.2	200	4.21	QM-07
EXT DRO >C28-C36	**213**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 64 .5' (H251068-50)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	**0.372**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**0.372**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *147 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8660**	16.0	02/25/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**51.4**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**1730**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**212**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 65 .5' (H251068-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**0.197**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.375**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**6.23**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**6.80**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *132 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11000**	16.0	02/25/2025	ND	416	104	400	7.41	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**224**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**2230**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**242**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *119 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 66 .5' (H251068-52)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.062**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**1.27**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**1.33**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *155 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3000**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**47.5**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**691**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**82.0**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 67 .5' (H251068-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**1.17**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.605**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**12.7**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**14.4**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**15200**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**462**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**5440**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**723**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *251 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *157 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 68 .5' (H251068-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**0.804**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.407**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**7.18**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**8.39**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9400**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**153**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**2550**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**363**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 69 .5' (H251068-55)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**0.803**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.530**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**9.94**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**11.3**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *132 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3360**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**227**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**1700**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**194**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 70 .5' (H251068-56)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	**0.438**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**0.438**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *129 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**55.6**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *87.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.8 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 71 .5' (H251068-57)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *87.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.6 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 72 .5' (H251068-58)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *85.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 73 .5' (H251068-59)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *125 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *89.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 74 .5' (H251068-60)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 75 .5' (H251068-61)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**16.7**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *94.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 76 .5' (H251068-62)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	**0.488**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**0.488**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *139 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1400**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**19.1**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**437**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**37.7**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 77 .5' (H251068-63)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**0.102**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	**0.769**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**0.871**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**22.2**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *74.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 78 .5' (H251068-64)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *93.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.7 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 79 .5' (H251068-65)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	**0.183**	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	**0.193**	0.050	02/24/2025	ND	2.32	116	2.00	5.43	GC-NC1
Total Xylenes*	**3.95**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	GC-NC1
Total BTEX	**4.33**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *175 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1040**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**70.9**	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**474**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	**39.3**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.8 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 80 .5' (H251068-66)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1120**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**25.7**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *78.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.2 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 81 .5' (H251068-67)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	**0.174**	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1150**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**27.6**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.8 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 82 .5' (H251068-68)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.16	108	2.00	3.93	
Toluene*	<0.050	0.050	02/24/2025	ND	2.22	111	2.00	5.16	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.32	116	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.08	118	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2880**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	205	103	200	4.33	
DRO >C10-C28*	**25.2**	10.0	02/24/2025	ND	178	89.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 83 .5' (H251068-69)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.110**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.129**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**2.29**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**2.53**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *142 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8200**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**70.2**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**1360**	10.0	02/24/2025	ND	193	96.3	200	2.12	QM-07
EXT DRO >C28-C36	**133**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 84 .5' (H251068-70)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.072**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.073**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**1.59**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**1.73**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *131 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3600**	16.0	02/25/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**40.7**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**1270**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**124**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 85 .5' (H251068-71)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.059**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.069**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**1.51**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**1.64**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *128 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3200**	16.0	02/25/2025	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**32.8**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**640**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**57.9**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 86 .5' (H251068-72)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	**0.719**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**0.719**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1880**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**162**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 87 .5' (H251068-73)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**1.42**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.805**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**15.3**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**17.6**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *209 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5520**	16.0	02/25/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**617**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**5430**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**537**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *172 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *182 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 88 .5' (H251068-74)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.077**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.093**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**1.82**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**1.99**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *138 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2760**	16.0	02/25/2025	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*	**58.3**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**970**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**96.0**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *90.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 89 .5' (H251068-75)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.131**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.197**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**3.25**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**3.58**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *149 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4400**	16.0	02/25/2025	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*	**127**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**1280**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**122**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 90 .5' (H251068-76)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 91 .5' (H251068-77)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**13.7**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *96.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 92 .5' (H251068-78)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.115**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.089**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**1.75**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**1.96**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *129 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6960**	16.0	02/25/2025	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*	**55.2**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**1450**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**191**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *99.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 93 .5' (H251068-79)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.789**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.462**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**8.32**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**9.57**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *157 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2160**	16.0	02/25/2025	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*	**320**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**2390**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**361**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *126 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 94 .5' (H251068-80)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	**0.161**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**44.3**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *92.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 95 .5' (H251068-81)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	**0.615**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**0.615**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**752**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**274**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**29.9**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/20/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 96 .5' (H251068-82)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.196**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.116**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**2.26**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**2.57**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *139 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**20200**	16.0	02/25/2025	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*	**58.3**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**2780**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**336**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *81.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *128 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 97 .5' (H251068-83)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	**0.673**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**0.673**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *132 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**17400**	16.0	02/25/2025	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*	**29.1**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**2990**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**381**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *148 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 98 .5' (H251068-84)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	**0.380**	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	**0.239**	0.050	02/24/2025	ND	2.40	120	2.00	7.12	GC-NC1
Total Xylenes*	**4.00**	0.150	02/24/2025	ND	7.24	121	6.00	7.01	GC-NC1
Total BTEX	**4.62**	0.300	02/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *146 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1010**	16.0	02/25/2025	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*	**105**	10.0	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**702**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**59.8**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 99 .5' (H251068-85)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1630**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**111**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *97.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 100 .5' (H251068-86)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11600**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**991**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**150**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 101 .5' (H251068-87)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**832**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**63.9**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 102 .5' (H251068-88)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	2.19	110	2.00	1.91	
Toluene*	<0.050	0.050	02/24/2025	ND	2.23	112	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	2.40	120	2.00	7.12	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	7.24	121	6.00	7.01	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2080**	16.0	02/25/2025	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	02/24/2025	ND	213	106	200	0.569	
DRO >C10-C28*	**188**	10.0	02/24/2025	ND	193	96.3	200	2.12	
EXT DRO >C28-C36	**16.3**	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane *91.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 103 .5' (H251068-89)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	1.86	93.0	2.00	1.96	
Toluene*	<0.050	0.050	02/24/2025	ND	1.94	96.8	2.00	2.08	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	1.85	92.7	2.00	1.74	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	5.44	90.7	6.00	1.91	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1920**	16.0	02/25/2025	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	02/25/2025	ND	203	101	200	1.16	
DRO >C10-C28*	**175**	10.0	02/25/2025	ND	195	97.4	200	0.368	
EXT DRO >C28-C36	**31.6**	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	02/24/2025	Sampling Date:	02/21/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.107150,-103.817460		

Sample ID: CS 104 .5' (H251068-90)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2025	ND	1.86	93.0	2.00	1.96	
Toluene*	<0.050	0.050	02/24/2025	ND	1.94	96.8	2.00	2.08	
Ethylbenzene*	<0.050	0.050	02/24/2025	ND	1.85	92.7	2.00	1.74	
Total Xylenes*	<0.150	0.150	02/24/2025	ND	5.44	90.7	6.00	1.91	
Total BTEX	<0.300	0.300	02/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	02/25/2025	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	02/25/2025	ND	203	101	200	1.16	
DRO >C10-C28*	**25.8**	10.0	02/25/2025	ND	195	97.4	200	0.368	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251068																		
1	CS15	.5'	C	1			X					X		2/20/25	925	X	X	X
2	CS16														931			
3	CS17														940			
4	CS18														936			
5	CS19														938			
6	CS20														932			
7	CS21														934			
8	CS22														937			
9	CS23														940			
10	CS24														942			

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Relinquished By:	**Date:** 2.24.25 **Time:** 1230	**Received By:**	**Verbal Result:** ☐Yes ☐No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** Thillard@ensolum.com BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
			REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 Corrected Temp. °C -0.4	**Sample Condition** Cool: ☐Yes ☐No Intact: ☐Yes ☐No	**CHECKED BY: (Initials)** SR
			Turnaround Time: Standard ☐ Rush ☑ 24hr **Thermometer ID** #113 **Correction Factor** -0.5C **Bacteria (only) Sample Condition** Cool: ☐Yes ☐No Intact: ☐Yes ☐No **Observed Temp. °C** #140 10.3 **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	989-854-0852 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251068																		
11	CS25	.5'	C	1			X					X		2/20/25	944	X	X	X
12	CS26														948			
13	CS27														950			
14	CS28														1000			
15	CS29														942			
16	CS30														949			
17	CS31														1212			
18	CS32														1213			
19	CS33														1000			
20	CS34														957			

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Relinquished By:	Date: 2.24.25	Received By:	
	Time: 1230		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐Yes ☑No Add'l Phone #:

All Results are emailed. Please provide Email address: Thillard@ensolum.com
BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com

REMARKS:

Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C -0.7	Sample Condition: Cool ☑Yes ☐No; Intact ☐Yes ☐No	CHECKED BY: (Initials)	Turnaround Time: #140 to -3 Standard ☐ Rush ☑ 24 hr
Sampler - UPS - Bus - Other:	Corrected Temp. °C -0.4			Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐Yes ☐No; Intact ☐Yes ☐No; Observed 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

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E. Green St.
Project #: 03C1558583 Project Owner: XTO	City: Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	State: NM Zip: 88220
Project Location: 32.107150, -103.817460	Phone #:
Sampler Name: Jesse Dorman	Fax #:

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST													
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	CHLORIDE											
H251068																													
21	CS35	.5'	C	1			X					X		2/20/25	915	X	X	X											
22	CS36														951														
23	CS37														1006														
24	CS38														1008														
25	CS39														1009														
26	CS40														1215														
27	CS41														1217														
28	CS42														1218														
29	CS43														1219														
30	CS44														1224														

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Relinquished By:	Date: 2.24.25	Received By: SRodriguez	Verbal Result: ☐Yes ☐No Add'l Phone #:
	Time: 1730		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	Date:	Received By:	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		REMARKS:
			Cost Center: 2258891001 Incident ID: nAPP2434530896
Delivered By: (Circle One)	Observed Temp. °C -0.7	Sample Condition Cool Intact	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C -0.4	☐Yes ☐Yes ☐No ☐No	Turnaround Time: #140 +0.3° Standard ☐ Rush ☐ 24hr
			Thermometer ID #113 Correction Factor -0.5°C
			Bacteria (only) Sample Condition Cool ☐Yes ☐No Intact ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 3122 National Parks Hwy	**Company:** XTO Energy Inc.
City: Carlsbad **State:** NM **Zip:** 88220	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:** 3104 E. Green St.
Project #: 03C1558583 **Project Owner:** XTO	**City:** Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:** 88220
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Jesse Dorman	**Fax #:**

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251068																		
31	CS45	.5'	C	1			X					X		2/20/25	1225	X	X	X
32	CS46														1226			
33	CS47														1227			
34	CS48														1232			
35	CS49														1233			
36	CS50														1234			
37	CS51														1223			
38	CS52														1226			
39	CS53														1228			
40	CS54														1230			

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Relinquished By:	**Date:** 2.24.25	**Received By:**	**Verbal Result:** ☐Yes ☒No **Add'l Phone #:**
	Time: 1230		**All Results are emailed. Please provide Email address:** Thillard@ensolum.com
Relinquished By:	**Date:**	**Received By:**	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		**REMARKS:** Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 / Corrected Temp. °C -0.4	**Sample Condition** Cool ☐Yes ☐No Intact ☐Yes ☐No	**CHECKED BY: (Initials)** SR	**Turnaround Time:** #140 +0.3 Standard ☐ Rush ☑ 24hr Thermometer ID #113 Correction Factor -0.5°C **Bacteria (only) Sample Condition** Cool ☐Yes ☐No Intact ☐Yes ☐No **Observed Temp. °C** **Corrected Temp. °C**

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251068																		
41	CS55	.5'	C	1			X					X		2/20/25	1233	X	X	X
42	CS56														1236			
43	CS57														1238			
44	CS58														1241			
45	CS59														1243			
46	CS60														1237			
47	CS61														1238			
48	CS62														1314			
49	CS63														1315			
50	CS64														1258			

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Relinquished By:	**Date:** 2.24.25 **Time:** 1230	**Received By:**	Verbal Result: ☐Yes ☑No Add'l Phone #:
Relinquished By:	**Date:** **Time:**	**Received By:**	All Results are emailed. Please provide Email address: Thillard@ensolum.com BBelilll@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
			REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 Corrected Temp. °C -0.4	**Sample Condition** Cool: ☐Yes ☐No Intact: ☐Yes ☐No	**CHECKED BY: (Initials)** SR
			Turnaround Time: #140 +0.3 Standard ☐ Rush ☑ 24hr Thermometer ID #113 Correction Factor 0.5°C Bacteria (only) Sample Condition Cool: ☐Yes ☐No Intact: ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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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
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251068																		
51	CS65	.5'	C	1			X					X		2/20/25	1254	X	X	X
52	CS66														1248			
53	CS67														1245			
54	CS68														1238			
55	CS69														1242			
56	CS70														1300			
57	CS71														1317			
58	CS72														1315			
59	CS73														1319			
60	CS74														1323			

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Relinquished By:	Date: 2-24-25 Time: 1230	**Received By:**	SRodriguez
Relinquished By:	Date: Time:	**Received By:**	

Verbal Result: ☐Yes ☒No **Add'l Phone #:**

All Results are emailed. Please provide Email address: Thillard@ensolum.com BBelilll@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com

REMARKS:

Cost Center: 2258891001

Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 Corrected Temp. °C -0.4	**Sample Condition** Cool: ☐Yes ☐No Intact: ☐Yes ☐No	**CHECKED BY: (Initials)** SR	**Turnaround Time:** #140 +0.3 Standard ☐ Rush ☑ 24hr Thermometer ID #113 Correction Factor -0.5 °C

Bacteria (only) Sample Condition Cool: ☐Yes ☐No Intact: ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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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
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO	
P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

FOR LAB USE ONLY					MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	**Sample I.D.**	**Sample Depth (feet)**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	BTEX	TPH	CHLORIDE												
H251068																													
61	CS75	.5'	C	1			X					X		2/20/25	1426	X	X	X											
62	CS76														1428														
63	CS77														1430														
64	CS78														1433														
65	CS79														1436														
66	CS80														1440														
67	CS81														1448														
68	CS82														1450														
69	CS83														1452														
70	CS84														1454														

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Relinquished By:	**Date:** 2-24-25	**Received By:** SRodriguez	Verbal Result: ☐Yes ☑No Add'l Phone #:
	Time: 1230		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	**Date:**	**Received By:**	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		**REMARKS:** Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 / Corrected Temp. °C -0.4	Sample Condition: Cool ☐Yes ☐No Intact ☐Yes ☐No	**CHECKED BY:** (Initials) SR	Turnaround Time: #140 +0.3 Standard ☐ Rush ☑ 24hr Thermometer ID #113 Correction Factor -0.5°C Bacteria (only) Sample Condition: Cool ☐Yes ☐No Intact ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251068																		
71	CS85	.5'	C	1			X					X		2/20/25	1456	X	X	X
72	CS86														1458			
73	CS87														1503			
74	CS88														1505			
75	CS89														1506			
76	CS90														1508			
77	CS91														1520			
78	CS92														1513			
79	CS93														1515			
80	CS94														1520			

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Relinquished By:	Date: 2-24-25 Time: 1230	**Received By:**	S Rodriguez
Relinquished By:	Date: Time:	**Received By:**	

Verbal Result: ☐Yes ☑No **Add'l Phone #:**

All Results are emailed. Please provide Email address: Thillard@ensolum.com
BBelilll@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com

REMARKS:

Cost Center: 2258891001

Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7	Sample Condition: Cool ☐Yes ☐No Intact ☐Yes ☐No	CHECKED BY: (Initials) SR	**Turnaround Time:** #140 +0.3 Standard ☐ Rush ☑ 24hr **Thermometer ID** #113 **Correction Factor** -0.5°C
	Corrected Temp. °C -0.4			Bacteria (only) Sample Condition: Cool ☐Yes ☐No Intact ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H257068																		
81	CS 95	.5'	C	1			X					X		2/20/25	1522	X	X	X
82	CS96													↓	1525			
83	CS97													2/21/25	915			
84	CS98														917			
85	CS99														922			
86	CS100														9.23			
87	CS101														924			
88	CS102														913			
89	CS103														909			
90	CS104	↓	↓	↓			↓					↓		↓	925	↓	↓	↓

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Relinquished By:	**Date:** 2.24.25 **Time:** 1230	**Received By:**	Verbal Result: ☐Yes ☐No Add'l Phone #:
Relinquished By:	**Date:** **Time:**	**Received By:**	All Results are emailed. Please provide Email address: Thillard@ensolum.com BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
			REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 Corrected Temp. °C -0.4	**Sample Condition** Cool: Yes / No Intact: Yes / No	**CHECKED BY: (Initials)**
			Turnaround Time: #140 ☐Standard ☐Rush Thermometer ID #113 Correction Factor -0.3°C
			Bacteria (only) Sample Condition Cool: Yes / No Intact: Yes / No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

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

March 13, 2025

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/24/25 12:30.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS 105 .5'	H251069-01	Soil	21-Feb-25 09:26	24-Feb-25 12:30
CS 106 .5'	H251069-02	Soil	21-Feb-25 09:30	24-Feb-25 12:30
CS 107 .5'	H251069-03	Soil	21-Feb-25 09:31	24-Feb-25 12:30
CS 108 .5'	H251069-04	Soil	21-Feb-25 09:32	24-Feb-25 12:30
CS 109 .5'	H251069-05	Soil	21-Feb-25 09:33	24-Feb-25 12:30
CS 110 .5'	H251069-06	Soil	21-Feb-25 09:34	24-Feb-25 12:30
CS 111 .5'	H251069-07	Soil	21-Feb-25 09:37	24-Feb-25 12:30
CS 112 .5'	H251069-08	Soil	21-Feb-25 09:38	24-Feb-25 12:30
CS 113 .5'	H251069-09	Soil	21-Feb-25 09:39	24-Feb-25 12:30
CS 114 .5'	H251069-10	Soil	21-Feb-25 09:40	24-Feb-25 12:30
CS 115 .5'	H251069-11	Soil	21-Feb-25 09:41	24-Feb-25 12:30
CS 116 .5'	H251069-12	Soil	21-Feb-25 09:45	24-Feb-25 12:30
CS 117 .5'	H251069-13	Soil	21-Feb-25 09:46	24-Feb-25 12:30
CS 118 .5'	H251069-14	Soil	21-Feb-25 09:48	24-Feb-25 12:30
CS 119 .5'	H251069-15	Soil	21-Feb-25 09:50	24-Feb-25 12:30
CS 120 .5'	H251069-16	Soil	21-Feb-25 09:00	24-Feb-25 12:30
CS 121 .5'	H251069-17	Soil	21-Feb-25 09:04	24-Feb-25 12:30
CS 122 .5'	H251069-18	Soil	21-Feb-25 09:07	24-Feb-25 12:30
CS 123 .5'	H251069-19	Soil	21-Feb-25 09:51	24-Feb-25 12:30
CS 124 .5'	H251069-20	Soil	21-Feb-25 09:54	24-Feb-25 12:30
CS 125 .5'	H251069-21	Soil	21-Feb-25 09:55	24-Feb-25 12:30
CS 126 .5'	H251069-22	Soil	21-Feb-25 09:56	24-Feb-25 12:30
CS 127 .5'	H251069-23	Soil	21-Feb-25 09:57	24-Feb-25 12:30
CS 128 .5'	H251069-24	Soil	21-Feb-25 09:58	24-Feb-25 12:30
CS 129 .5'	H251069-25	Soil	21-Feb-25 10:03	24-Feb-25 12:30
CS 130 .5'	H251069-26	Soil	21-Feb-25 10:04	24-Feb-25 12:30
CS 131 .5'	H251069-27	Soil	21-Feb-25 10:05	24-Feb-25 12:30

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 132 .5'	H251069-28	Soil	21-Feb-25 10:06	24-Feb-25 12:30
CS 133 .5'	H251069-29	Soil	21-Feb-25 10:07	24-Feb-25 12:30
CS 134 .5'	H251069-30	Soil	21-Feb-25 10:08	24-Feb-25 12:30
CS 135 .5'	H251069-31	Soil	21-Feb-25 10:09	24-Feb-25 12:30
CS 136 .5'	H251069-32	Soil	21-Feb-25 10:10	24-Feb-25 12:30
CS 01 .5'	H251069-33	Soil	21-Feb-25 09:10	24-Feb-25 12:30
CS 02 .5'	H251069-34	Soil	21-Feb-25 09:11	24-Feb-25 12:30
CS 03 .5'	H251069-35	Soil	21-Feb-25 09:12	24-Feb-25 12:30
SS 02 .5'	H251069-36	Soil	21-Feb-25 10:39	24-Feb-25 12:30
SW 01 0-1'	H251069-37	Soil	21-Feb-25 10:15	24-Feb-25 12:30
SW 02 0-1'	H251069-38	Soil	21-Feb-25 10:17	24-Feb-25 12:30
SW 03 0-1'	H251069-39	Soil	21-Feb-25 10:18	24-Feb-25 12:30
SW 04 0-1'	H251069-40	Soil	21-Feb-25 10:20	24-Feb-25 12:30
SW 05 0-1'	H251069-41	Soil	21-Feb-25 10:21	24-Feb-25 12:30
SW 06 0-1'	H251069-42	Soil	21-Feb-25 10:23	24-Feb-25 12:30
SW 07 0-1'	H251069-43	Soil	21-Feb-25 10:25	24-Feb-25 12:30

03/13/25 - Client changed the sample depths on -37 thru -43 (see COC). This is the revised report and will replace the one sent on 02/25/25.

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 105 .5'

H251069-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**832**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*74.7 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.3 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 106 .5'

H251069-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**7330**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**170**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**28.4**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*80.9 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.6 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 107 .5'

H251069-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**976**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**110**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**27.8**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*82.4 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.3 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 108 .5'

H251069-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2430**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.5 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**199**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**55.5**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*84.8 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.9 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 109 .5'

H251069-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1550**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.2 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**341**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**62.2**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*77.1 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.5 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 110 .5'

H251069-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2840**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.0 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**275**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**41.3**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*79.1 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.1 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 111 .5'

H251069-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**7360**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	**0.069**		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	**0.705**		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	GC-NC1
Total Xylenes*	**1.99**		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	**2.76**		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*137 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**206**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**2950**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**394**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*136 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*134 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 112 .5'

H251069-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1040**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.6 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**137**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**38.6**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*80.4 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.5 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 113 .5'

H251069-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2160**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.0 %*	*71.5-134*		*5022431*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**276**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**62.9**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*81.2 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.4 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 114 .5'

H251069-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1420**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.5 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**132**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**38.7**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*84.4 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*85.9 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 115 .5'

H251069-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3760**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.8 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**756**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**131**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*74.6 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.6 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 116 .5'

H251069-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2560**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	**0.306**		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.502**		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	**0.808**		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*117 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**60.3**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**798**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**101**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*90.1 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.4 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 117 .5'

H251069-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1200**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.4 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**41.1**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**14.4**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*81.1 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.7 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 118 .5'

H251069-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**336**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.7 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**35.6**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**11.3**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*78.8 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.5 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 119 .5'

H251069-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**672**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.4 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**47.3**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**15.6**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*79.2 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.8 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 120 .5'

H251069-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**10000**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	**0.150**		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.499**		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	**0.649**		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**152**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**4380**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**560**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*185 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*111 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 121 .5'

H251069-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3680**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	**0.069**		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	**0.051**		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Total Xylenes*	**2.32**		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	**2.45**		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*140 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**35.8**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**2060**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**320**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*87.9 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*121 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 122 .5'

H251069-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**4800**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Ethylbenzene*	**0.164**		0.050	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.822**		0.150	mg/kg	50	5022431	JH	25-Feb-25	8021B	
Total BTEX	**0.986**		0.300	mg/kg	50	5022431	JH	25-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5022431*	JH	*25-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**36.0**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
DRO >C10-C28*	**2670**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**393**		10.0	mg/kg	1	5022440	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*94.1 %*	*48.2-134*		*5022440*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*131 %*	*49.1-148*		*5022440*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 123 .5'

H251069-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1260**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	**0.062**		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	GC-NC1
Total Xylenes*	**1.70**		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	**1.76**		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*158 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**163**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**2250**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	QM-07, QR-03
EXT DRO >C28-C36	**228**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*109 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*117 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 124 .5'

H251069-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**352**		16.0	mg/kg	4	5022467	HM	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**50.0**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.7 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*88.7 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 125 .5'

H251069-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*81.7 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.8 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 126 .5'

H251069-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*87.8 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.9 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 127 .5'

H251069-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**81.7**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*88.2 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.7 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 128 .5'

H251069-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**29.3**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*87.8 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.0 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 129 .5'

H251069-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**24.5**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*72.9 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.8 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 130 .5'

H251069-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**10.7**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*80.2 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 131 .5'

H251069-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**12.9**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*80.2 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.8 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 132 .5'

H251069-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**448**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.8 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*85.9 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 133 .5'

H251069-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**352**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**47.2**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*76.2 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.6 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 134 .5'

H251069-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1680**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**347**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**44.5**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*91.1 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.1 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 135 .5'

H251069-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**336**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**50.2**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*77.0 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.2 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 136 .5'

H251069-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2760**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**815**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**120**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*85.1 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.2 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 01 .5'

H251069-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2200**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*77.9 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.9 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 02 .5'

H251069-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1200**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**363**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**39.4**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*81.9 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.3 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

CS 03 .5'

H251069-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1440**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**467**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**45.3**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*82.3 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.6 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SS 02 .5'

H251069-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.3 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.5 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 01 0-1'

H251069-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1800**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**713**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**105**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*89.1 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*102 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 02 0-1'

H251069-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**4560**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Toluene*	**0.065**		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Ethylbenzene*	**0.100**		0.050	mg/kg	50	5022432	JH	24-Feb-25	8021B	GC-NC1
Total Xylenes*	**1.99**		0.150	mg/kg	50	5022432	JH	24-Feb-25	8021B	
Total BTEX	**2.16**		0.300	mg/kg	50	5022432	JH	24-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*146 %*	*71.5-134*		*5022432*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**155**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
DRO >C10-C28*	**4090**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**426**		10.0	mg/kg	1	5022441	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*106 %*	*48.2-134*		*5022441*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*114 %*	*49.1-148*		*5022441*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 03 0-1'

H251069-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3680**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Ethylbenzene*	**0.258**		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.883**		0.150	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total BTEX	**1.14**		0.300	mg/kg	50	5022433	JH	24-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*119 %*	*71.5-134*		*5022433*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**48.3**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
DRO >C10-C28*	**2880**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	QM-07
EXT DRO >C28-C36	**433**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*114 %*	*48.2-134*		*5022442*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*137 %*	*49.1-148*		*5022442*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 04 0-1'

H251069-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2200**		16.0	mg/kg	4	5022501	AC	25-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5022433*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
DRO >C10-C28*	**2090**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**347**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*101 %*	*48.2-134*		*5022442*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*141 %*	*49.1-148*		*5022442*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 05 0-1'

H251069-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5022465	CT	24-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5022433*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
DRO >C10-C28*	**188**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**28.1**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*92.6 %*	*48.2-134*		*5022442*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*102 %*	*49.1-148*		*5022442*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 06 0-1'

H251069-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**496**		16.0	mg/kg	4	5022465	CT	24-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Toluene*	**1.66**		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Ethylbenzene*	**4.75**		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	GC-NC1
Total Xylenes*	**23.9**		0.150	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total BTEX	**30.3**		0.300	mg/kg	50	5022433	JH	24-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*169 %*	*71.5-134*		*5022433*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**751**		50.0	mg/kg	5	5022442	MS	25-Feb-25	8015B	
DRO >C10-C28*	**10700**		50.0	mg/kg	5	5022442	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**1440**		50.0	mg/kg	5	5022442	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*150 %*	*48.2-134*		*5022442*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*210 %*	*49.1-148*		*5022442*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

SW 07 0-1'

H251069-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**5520**		16.0	mg/kg	4	5022465	CT	24-Feb-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Ethylbenzene*	**0.496**		0.050	mg/kg	50	5022433	JH	24-Feb-25	8021B	GC-NC1
Total Xylenes*	**0.976**		0.150	mg/kg	50	5022433	JH	24-Feb-25	8021B	
Total BTEX	**1.47**		0.300	mg/kg	50	5022433	JH	24-Feb-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*119 %*	*71.5-134*		*5022433*	JH	*24-Feb-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**58.2**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
DRO >C10-C28*	**5660**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
EXT DRO >C28-C36	**825**		10.0	mg/kg	1	5022442	MS	25-Feb-25	8015B	
Surrogate: 1-Chlorooctane			*78.6 %*	*48.2-134*		*5022442*	MS	*25-Feb-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*121 %*	*49.1-148*		*5022442*	MS	*25-Feb-25*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022465 - 1:4 DI Water										
Blank (5022465-BLK1)				Prepared & Analyzed: 24-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022465-BS1)				Prepared & Analyzed: 24-Feb-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5022465-BSD1)				Prepared & Analyzed: 24-Feb-25						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 5022467 - 1:4 DI Water										
Blank (5022467-BLK1)				Prepared & Analyzed: 24-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022467-BS1)				Prepared & Analyzed: 24-Feb-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5022467-BSD1)				Prepared & Analyzed: 24-Feb-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 5022501 - 1:4 DI Water										
Blank (5022501-BLK1)				Prepared & Analyzed: 25-Feb-25						
Chloride	ND	16.0	mg/kg							
LCS (5022501-BS1)				Prepared & Analyzed: 25-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120			

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022501 - 1:4 DI Water										
LCS Dup (5022501-BSD1)				Prepared & Analyzed: 25-Feb-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022431 - Volatiles										
Blank (5022431-BLK1)				Prepared & Analyzed: 24-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*94.4*	*71.5-134*			
LCS (5022431-BS1)				Prepared & Analyzed: 24-Feb-25						
Benzene	1.86	0.050	mg/kg	2.00		93.0	82.8-130			
Toluene	1.94	0.050	mg/kg	2.00		96.8	86-128			
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.7	85.9-128			
m,p-Xylene	3.63	0.100	mg/kg	4.00		90.8	89-129			
o-Xylene	1.81	0.050	mg/kg	2.00		90.4	86.1-125			
Total Xylenes	5.44	0.150	mg/kg	6.00		90.7	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0469*		mg/kg	*0.0500*		*93.7*	*71.5-134*			
LCS Dup (5022431-BSD1)				Prepared & Analyzed: 24-Feb-25						
Benzene	1.90	0.050	mg/kg	2.00		94.8	82.8-130	1.96	15.8	
Toluene	1.98	0.050	mg/kg	2.00		98.9	86-128	2.08	15.9	
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.3	85.9-128	1.74	16	
m,p-Xylene	3.71	0.100	mg/kg	4.00		92.7	89-129	2.04	16.2	
o-Xylene	1.84	0.050	mg/kg	2.00		91.9	86.1-125	1.66	16.7	
Total Xylenes	5.55	0.150	mg/kg	6.00		92.5	88.2-128	1.91	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0467*		mg/kg	*0.0500*		*93.5*	*71.5-134*			
Batch 5022432 - Volatiles										
Blank (5022432-BLK1)				Prepared & Analyzed: 24-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022432 - Volatiles										
Blank (5022432-BLK1)				Prepared & Analyzed: 24-Feb-25						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0540*		mg/kg	*0.0500*		*108*	*71.5-134*			
LCS (5022432-BS1)				Prepared & Analyzed: 24-Feb-25						
Benzene	2.13	0.050	mg/kg	2.00		106	82.8-130			
Toluene	2.13	0.050	mg/kg	2.00		107	86-128			
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	85.9-128			
m,p-Xylene	4.36	0.100	mg/kg	4.00		109	89-129			
o-Xylene	2.04	0.050	mg/kg	2.00		102	86.1-125			
Total Xylenes	6.40	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0510*		mg/kg	*0.0500*		*102*	*71.5-134*			
LCS Dup (5022432-BSD1)				Prepared & Analyzed: 24-Feb-25						
Benzene	2.19	0.050	mg/kg	2.00		110	82.8-130	2.97	15.8	
Toluene	2.22	0.050	mg/kg	2.00		111	86-128	4.12	15.9	
Ethylbenzene	2.20	0.050	mg/kg	2.00		110	85.9-128	4.47	16	
m,p-Xylene	4.55	0.100	mg/kg	4.00		114	89-129	4.24	16.2	
o-Xylene	2.13	0.050	mg/kg	2.00		106	86.1-125	4.26	16.7	
Total Xylenes	6.68	0.150	mg/kg	6.00		111	88.2-128	4.25	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0515*		mg/kg	*0.0500*		*103*	*71.5-134*			
Batch 5022433 - Volatiles										
Blank (5022433-BLK1)				Prepared & Analyzed: 24-Feb-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0540*		mg/kg	*0.0500*		*108*	*71.5-134*			

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022433 - Volatiles										
LCS (5022433-BS1)				Prepared & Analyzed: 24-Feb-25						
Benzene	2.17	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.32	0.050	mg/kg	2.00		116	86-128			
Ethylbenzene	2.36	0.050	mg/kg	2.00		118	85.9-128			
m,p-Xylene	4.84	0.100	mg/kg	4.00		121	89-129			
o-Xylene	2.31	0.050	mg/kg	2.00		116	86.1-125			
Total Xylenes	7.15	0.150	mg/kg	6.00		119	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0509*		mg/kg	*0.0500*		*102*	*71.5-134*			
LCS Dup (5022433-BSD1)				Prepared & Analyzed: 24-Feb-25						
Benzene	2.21	0.050	mg/kg	2.00		111	82.8-130	1.91	15.8	
Toluene	2.38	0.050	mg/kg	2.00		119	86-128	2.49	15.9	
Ethylbenzene	2.42	0.050	mg/kg	2.00		121	85.9-128	2.37	16	
m,p-Xylene	4.95	0.100	mg/kg	4.00		124	89-129	2.32	16.2	
o-Xylene	2.36	0.050	mg/kg	2.00		118	86.1-125	2.29	16.7	
Total Xylenes	7.32	0.150	mg/kg	6.00		122	88.2-128	2.31	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0510*		mg/kg	*0.0500*		*102*	*71.5-134*			

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022440 - General Prep - Organics										
Blank (5022440-BLK1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*51.0*		mg/kg	*50.0*		*102*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*51.7*		mg/kg	*50.0*		*103*	*49.1-148*			
LCS (5022440-BS1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	203	10.0	mg/kg	200		101	81.5-123			
DRO >C10-C28	195	10.0	mg/kg	200		97.4	77.7-122			
Total TPH C6-C28	397	10.0	mg/kg	400		99.3	80.9-121			
Surrogate: 1-Chlorooctane	*54.4*		mg/kg	*50.0*		*109*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*56.1*		mg/kg	*50.0*		*112*	*49.1-148*			
LCS Dup (5022440-BSD1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	205	10.0	mg/kg	200		102	81.5-123	1.16	13	
DRO >C10-C28	194	10.0	mg/kg	200		97.0	77.7-122	0.368	15.6	
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	80.9-121	0.414	18.5	
Surrogate: 1-Chlorooctane	*53.2*		mg/kg	*50.0*		*106*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*54.6*		mg/kg	*50.0*		*109*	*49.1-148*			
Batch 5022441 - General Prep - Organics										
Blank (5022441-BLK1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*54.4*		mg/kg	*50.0*		*109*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*54.7*		mg/kg	*50.0*		*109*	*49.1-148*			

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022441 - General Prep - Organics										
LCS (5022441-BS1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123			
DRO >C10-C28	198	10.0	mg/kg	200		98.9	77.7-122			
Total TPH C6-C28	400	10.0	mg/kg	400		99.9	80.9-121			
Surrogate: 1-Chlorooctane	*59.1*		mg/kg	*50.0*		*118*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*60.6*		mg/kg	*50.0*		*121*	*49.1-148*			
LCS Dup (5022441-BSD1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	207	10.0	mg/kg	200		104	81.5-123	2.49	13	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	77.7-122	0.465	15.6	
Total TPH C6-C28	406	10.0	mg/kg	400		101	80.9-121	1.49	18.5	
Surrogate: 1-Chlorooctane	*58.2*		mg/kg	*50.0*		*116*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*58.8*		mg/kg	*50.0*		*118*	*49.1-148*			
Batch 5022442 - General Prep - Organics										
Blank (5022442-BLK1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*60.5*		mg/kg	*50.0*		*121*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*63.4*		mg/kg	*50.0*		*127*	*49.1-148*			
LCS (5022442-BS1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	207	10.0	mg/kg	200		103	81.5-123			
DRO >C10-C28	203	10.0	mg/kg	200		101	77.7-122			
Total TPH C6-C28	410	10.0	mg/kg	400		102	80.9-121			
Surrogate: 1-Chlorooctane	*66.0*		mg/kg	*50.0*		*132*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*70.3*		mg/kg	*50.0*		*141*	*49.1-148*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: POKER LAKE UNIT 30-19 BS 154H Project Number: 03C1558583 Project Manager: BEN BELILL Fax To:	Reported: 13-Mar-25 09:38

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5022442 - General Prep - Organics										
LCS Dup (5022442-BSD1)				Prepared: 24-Feb-25 Analyzed: 25-Feb-25						
GRO C6-C10	205	10.0	mg/kg	200		103	81.5-123	0.708	13	
DRO >C10-C28	202	10.0	mg/kg	200		101	77.7-122	0.592	15.6	
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121	0.651	18.5	
Surrogate: 1-Chlorooctane	*64.0*		mg/kg	*50.0*		*128*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*68.9*		mg/kg	*50.0*		*138*	*49.1-148*			

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251069																		
1	CS105	.5'	C	1			X					X		2/21/25	926	X	X	X
2	CS106														930			
3	CS107														931			
4	CS108														932			
5	CS109														933			
6	CS110														934			
7	CS111														937			
8	CS112														938			
9	CS113														939			
10	CS114														940			

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Relinquished By:	Date: 2.24.25	**Received By:**	
	Time: 1230		
Relinquished By:	Date:	**Received By:**	
	Time:		

Verbal Result: ☐Yes ☑No **Add'l Phone #:**

All Results are emailed. Please provide Email address: Thillard@ensolum.com, BBelill@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com

REMARKS:

Cost Center: 2258891001

Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.7	Sample Condition: Cool ~~Yes~~ ☐ No; Intact ~~Yes~~ ☐ No	CHECKED BY: (Initials) SR	**Turnaround Time:** #140 10.3 Standard ☐ Rush ☑ 24hr
	Corrected Temp. °C -0.4			Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition Cool ☐Yes ☐No Intact ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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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	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 3122 National Parks Hwy	**Company:** XTO Energy Inc.
City: Carlsbad **State:** NM **Zip:** 88220	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:** 3104 E. Green St.
Project #: 03C1558583 **Project Owner:** XTO	**City:** Carlsbad
Project Name: Poker Lake Unit 30-19 BS 154H	**State:** NM **Zip:** 88220
Project Location: 32.107150, -103.817460	**Phone #:**
Sampler Name: Jesse Dorman	**Fax #:**

FOR LAB USE ONLY					MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	CHLORIDE										
H251069																												
11	CS115	.5'	C	1			X					X		2/24/25	941	X	X	X										
12	CS116														945													
13	CS117														946													
14	CS118														948													
15	CS119														950													
16	CS120														901													
17	CS121														904													
18	CS122														907													
19	CS123														951													
20	CS124														954													

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Relinquished By:	**Date:** 2.24.25	**Received By:**	Verbal Result: ☐Yes ☑No Add'l Phone #:
	Time: 1230		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	**Date:**	**Received By:**	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		**REMARKS:** Incident ID: nAPP2434530896
			Cost Center: 2258891001

Delivered By: (Circle One)	Observed Temp. °C -0.7	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: #140 10:3: Standard ☐ Rush ☑ 24hr
Sampler - UPS - Bus - Other:	Corrected Temp. °C -0.4	☐Yes ☐Yes ☐No ☐No		Thermometer ID #113 Correction Factor -0.5°C Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

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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
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251069																		
21	CS125	.5'	C	1			X					X		2/21/25	955	X	X	X
22	CS126														956			
23	CS127														957			
24	CS128														958			
25	CS129														1003			
26	CS130														1004			
27	CS131														1005			
28	CS132														1006			
29	CS133														1007			
30	CS134														1008			

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Relinquished By:	**Date:** 2/24/25 **Time:** 1230	**Received By:**	**Verbal Result:** ☐Yes ☑No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** Thillard@ensolum.com, BBelill@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
			REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -0.7 **Corrected Temp. °C** -0.4	**Sample Condition** Cool ☐Yes ☐No Intact ☐Yes ☐No	**CHECKED BY: (Initials)**
			Turnaround Time: #140 +0.3 Standard ☐ Rush ☑ 24hr **Thermometer ID** #113 **Correction Factor** -0.5°C
			Bacteria (only) Sample Condition Cool ☐Yes ☐No Intact ☐Yes ☐No **Observed Temp. °C** **Corrected Temp. °C**

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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
Project Manager:	Ben Belill
Address:	3122 National Parks Hwy
City:	Carlsbad **State:** NM **Zip:** 88220
Phone #:	989-854-0852 **Fax #:**
Project #:	03C1558583 **Project Owner:** XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	32.107150, -103.817460
Sampler Name:	Jesse Dorman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM **Zip:** 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H251069																		
31	CS135	.5'	C	1			X					X		2/21/25	1004			
32	CS136														1010			
33	CS01														910			
34	CS02														911			
35	CS03		↓												912			
36	SS02	*	G												1039			
37	SW01	0-.5' 1'	C												1015			
38	SW02														1017			
39	SW03														1018			
40	SW04	↓	↓	↓			↓					↓		↓	1020	↓	↓	↓

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Relinquished By:	**Date:** 2.24.25	**Received By:**	Verbal Result: ☐Yes ☑No Add'l Phone #:
	Time: 1230		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	**Date:**	**Received By:**	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		**REMARKS:** * Cust. Req. Depth changes. TO. 3/12/25
			Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 Corrected Temp. °C -0.4	**Sample Condition** Cool: ☐Yes ☐No Intact: ☑Yes ☐No	**CHECKED BY: (Initials)**	**Turnaround Time:** #140 +0.3 Standard ☐ Rush ☑ 24hr Thermometer ID #113 Correction Factor -0.5°C Bacteria (only) Sample Condition Cool: ☐Yes ☐No Intact: ☐Yes ☐No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO** P.O. #:
Project Manager: Ben Belill	Company: XTO Energy Inc.
Address: 3122 National Parks Hwy	Attn: Colton Brown
City: Carlsbad State: NM Zip: 88220	Address: 3104 E. Green St.
Phone #: 989-854-0852 Fax #:	City: Carlsbad
Project #: 03C1558583 Project Owner: XTO	State: NM Zip: 88220
Project Name: Poker Lake Unit 30-19 BS 154H	Phone #:
Project Location: 32.107150, -103.817460	Fax #:
Sampler Name: Jesse Dorman	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	CHLORIDE
H251069		*																
41	SW05	0-0.5'	C	1			X					X		2/21/25	1021	X	X	X
42	SW06														1023			
43	SW07	↓	↓	↓			↓					↓		↓	1025	↓	↓	↓

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Relinquished By:	Date: 2-24-25	Received By:	Verbal Result: ☐Yes ☑No Add'l Phone #:
	Time: 1230		All Results are emailed. Please provide Email address: Thillard@ensolum.com
Relinquished By:	Date:	Received By:	BBelill@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		REMARKS: * Cust. Req. Depth Changes. Incident ID: nAPP2434530896 TO 3/12/25
			Cost Center: 2258891001

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.7 Corrected Temp. °C -0.4	Sample Condition Cool: Yes No Intact: Yes No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☐ Rush ☑ #140 +0.3 Thermometer ID #113 Correction Factor -0.5°C 24hr

Bacteria (only) Sample Condition: Cool: Yes ☑ No ☐ Intact: Yes ☑ No ☐ Observed Temp. °C ____ Corrected Temp. °C ____

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CARDINAL Laboratories

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

February 04, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: POKER LAKE UNIT 30-19 BS 154H

Enclosed are the results of analyses for samples received by the laboratory on 02/03/25 12:00.

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

Cardinal Laboratories is 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.

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

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 01 0.5 (H250605-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	2.08	104	2.00	5.33	
Toluene*	<0.050	0.050	02/04/2025	ND	2.17	108	2.00	7.27	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.21	110	2.00	5.89	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.54	109	6.00	5.35	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	464	116	400	3.39	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.4	200	0.891	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	197	98.5	200	0.0589	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *92.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 02 0.5 (H250605-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	2.08	104	2.00	5.33	
Toluene*	<0.050	0.050	02/04/2025	ND	2.17	108	2.00	7.27	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.21	110	2.00	5.89	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.54	109	6.00	5.35	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	464	116	400	3.39	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.4	200	0.891	
DRO >C10-C28*	**494**	10.0	02/04/2025	ND	197	98.5	200	0.0589	
EXT DRO >C28-C36	**139**	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.9 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 03 0.5 (H250605-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	2.08	104	2.00	5.33	
Toluene*	<0.050	0.050	02/04/2025	ND	2.17	108	2.00	7.27	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.21	110	2.00	5.89	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.54	109	6.00	5.35	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	464	116	400	3.39	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.4	200	0.891	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	197	98.5	200	0.0589	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *97.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.6 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 04 0.5 (H250605-04)

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	02/04/2025	ND	2.08	104	2.00	5.33	
Toluene*	<0.050	0.050	02/04/2025	ND	2.17	108	2.00	7.27	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.21	110	2.00	5.89	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.54	109	6.00	5.35	
Total BTEX	<0.300	0.300	02/04/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	464	116	400	3.39	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.4	200	0.891	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	197	98.5	200	0.0589	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *95.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.5 %* *49.1-148*

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Celey D. Keene

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:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 05 0.5 (H250605-05)

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	02/04/2025	ND	2.08	104	2.00	5.33	
Toluene*	<0.050	0.050	02/04/2025	ND	2.17	108	2.00	7.27	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.21	110	2.00	5.89	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.54	109	6.00	5.35	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	464	116	400	3.39	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.4	200	0.891	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	197	98.5	200	0.0589	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *99.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 06 0.5 (H250605-06)

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	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	464	116	400	3.39	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 07 0.5 (H250605-07)

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	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 08 0.5 (H250605-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.0 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 09 0.5 (H250605-09)

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	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	**13.6**	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 10 0.5 (H250605-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 11 0.5 (H250605-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 12 0.5 (H250605-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 13 0.5 (H250605-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 14 0.5 (H250605-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 15 0.5 (H250605-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2025	ND	1.98	99.2	2.00	2.78	
Toluene*	<0.050	0.050	02/04/2025	ND	2.05	103	2.00	2.21	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	1.98	98.8	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	5.81	96.8	6.00	2.51	
Total BTEX	<0.300	0.300	02/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	**131**	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	**32.3**	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 16 0.5 (H250605-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 17 0.5 (H250605-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 18 0.5 (H250605-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 19 0.5 (H250605-19)

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	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 20 0.5 (H250605-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/03/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/03/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 21 0.5 (H250605-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 22 0.5 (H250605-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *125 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 23 0.5 (H250605-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *126 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 24 0.5 (H250605-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Analytical Results For:

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

Received:	02/03/2025	Sampling Date:	01/31/2025
Reported:	02/04/2025	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 30-19 BS 154H	Sampling Condition:	Cool & Intact
Project Number:	03C1558583	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.107150,-103.817460		

Sample ID: SS 25 0.5 (H250605-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2025	ND	1.84	91.8	2.00	8.54	
Toluene*	<0.050	0.050	02/03/2025	ND	1.97	98.3	2.00	8.95	
Ethylbenzene*	<0.050	0.050	02/03/2025	ND	1.90	94.9	2.00	9.74	
Total Xylenes*	<0.150	0.150	02/03/2025	ND	5.91	98.5	6.00	11.0	
Total BTEX	<0.300	0.300	02/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	225	113	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	214	107	200	0.00655	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Notes and Definitions

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

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 3

Company Name:	Ensolum, LLC	**BILL TO**	
Project Manager:	Tracy Hillard	P.O. #:	
Address:	3122 National Parks Hwy	Company:	XTO Energy Inc.
City:	Carlsbad	Attn:	Colton Brown
State:	NM	Address:	3104 E. Green St.
Zip:	88220	City:	Carlsbad
Phone #:	337 257-8307	State:	NM
Fax #:		Zip:	88220
Project #:	03C1558583	Phone #:	
Project Owner:	XTO	Fax #:	
Project Name:	Poker Lake Unit 30-19 BS 154H		
Project Location:			
Sampler Name:	Connor Whitman		

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	CHLORIDE
H250605																		
1	SS01	0.5	G	1			X					X		1-31-25	1050			
2	SS02														1055			
3	SS03														1100			
4	SS04														1105			
5	SS05														1110			
6	SS06														1115			
7	SS07														1120			
8	SS08														1125			
9	SS09														1130			
10	SS10														1135			

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Relinquished By:	Date: 2-3-25	Received By:	
	Time: 1200		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:
THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com

REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C	1.3	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑
Sampler - UPS - Bus - Other:	Corrected Temp. °C	1.6	Cool: ☑ Yes ☐ No	Intact: ☑ Yes ☐ No	Thermometer ID #113 #140
					Correction Factor -0.5°C +0.3°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

48 hr

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

Company Name:	Ensolum, LLC	**BILL TO**	
Project Manager:	Tracy Hillard	P.O. #:	
Address:	3122 National Parks Hwy	Company:	XTO Energy Inc.
City:	Carlsbad State: NM Zip: 88220	Attn:	Colton Brown
Phone #:	337 257-8307 Fax #:	Address:	3104 E. Green St.
Project #:	03C1558583 Project Owner: XTO	City:	Carlsbad
Project Name:	Poker Lake Unit 30-19 BS 154H	State: NM Zip:	88220
Project Location:		Phone #:	
Sampler Name:	Connor Whitman	Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	CHLORIDE
H250605																		
11	SS11	0.5	G	1			X					X		1-31-25	1140			
12	SS12														1145			
13	SS13														1150			
14	SS14														1155			
15	SS15														1200			
16	SS16														1205			
17	SS17														1210			
18	SS18														1215			
19	SS19														1220			
20	SS20														1225			

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Relinquished By:	Date: 1-31-25 Time: 1200	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.3 Corrected Temp. °C 1.6	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)

REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896

Turnaround Time: Standard ☑ Rush ☐

Thermometer ID #113 #140 Correction Factor -0.5°C +0.3

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 3

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	337 257-8307 Fax #:
Project #:	03C1558583 Project Owner: XTO
Project Name:	Poker Lake Unit 30-19 BS 154H
Project Location:	
Sampler Name:	Connor Whitman

BILL TO

P.O. #:	
Company:	XTO Energy Inc.
Attn:	Colton Brown
Address:	3104 E. Green St.
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	CHLORIDE
H250605																		
21	SS21	0.5	G	1			X					X		1-31-25			X	X
22	SS22																	
23	SS23																	
24	SS24																	
25	SS25																	

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Relinquished By:	Date: 2-3-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1300		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:		REMARKS: Cost Center: 2258891001 Incident ID: nAPP2434530896

Delivered By: (Circle One)	Observed Temp. °C 1.3	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ #140 48hr
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.6			Thermometer ID #113 Correction Factor 0.3°C +0.3

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

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JOB DESCRIPTION

Poker Lake Unit 30-19 154H
03C1558583

JOB NUMBER

890-9573-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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my EOL

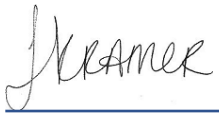
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Laboratory Job ID: 890-9573-1
SDG: 03C1558583

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Definitions/Glossary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-9573-1
Project: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1 Eurofins Carlsbad

Job Narrative
890-9573-1

REVISION

The report being provided is a revision of the original report sent on 3/9/2026. The report (revision 1) is being revised due to Per client email, requesting sample depth corrections.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/2/2026 4:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS41A (890-9573-1), CS50A (890-9573-2), CS63A (890-9573-3), CS64A (890-9573-4), CS65A (890-9573-5), SW09 (890-9573-6), SW10 (890-9573-7), SW11 (890-9573-8), CS92A (890-9573-9) and CS93A (890-9573-10).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS64A (890-9573-4), SW10 (890-9573-7) and SW11 (890-9573-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-134086 and analytical batch 880-134028. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-133800 and analytical batch 880-133878 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS41A
Date Collected: 03/02/26 08:37
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:38	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:38	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:38	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		03/06/26 12:13	03/07/26 01:38	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:38	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		03/06/26 12:13	03/07/26 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*03/06/26 12:13*	*03/07/26 01:38*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/06/26 12:13*	*03/07/26 01:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/07/26 01:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/06/26 17:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/03/26 17:36	03/06/26 17:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/03/26 17:36	03/06/26 17:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/03/26 17:36	03/06/26 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/03/26 17:36*	*03/06/26 17:47*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/03/26 17:36*	*03/06/26 17:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**655**	**F1**	50.5		mg/Kg			03/05/26 02:09	5

Client Sample ID: CS50A
Date Collected: 03/02/26 08:39
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/06/26 12:13	03/07/26 01:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/06/26 12:13	03/07/26 01:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/06/26 12:13	03/07/26 01:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/06/26 12:13	03/07/26 01:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/06/26 12:13	03/07/26 01:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/06/26 12:13	03/07/26 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*03/06/26 12:13*	*03/07/26 01:58*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS50A
Date Collected: 03/02/26 08:39
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/06/26 12:13*	*03/07/26 01:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/07/26 01:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/06/26 18:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/03/26 17:36	03/06/26 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/03/26 17:36	03/06/26 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/03/26 17:36	03/06/26 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:02*	*1*
o-Terphenyl	*105*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1400**		49.6	mg/Kg			03/05/26 02:24	5

Client Sample ID: CS63A
Date Collected: 03/02/26 08:44
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/06/26 12:13	03/07/26 02:19	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/06/26 12:13	03/07/26 02:19	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/06/26 12:13	03/07/26 02:19	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/06/26 12:13	03/07/26 02:19	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/06/26 12:13	03/07/26 02:19	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/06/26 12:13	03/07/26 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*03/06/26 12:13*	*03/07/26 02:19*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/06/26 12:13*	*03/07/26 02:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/07/26 02:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/06/26 18:17	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS63A
Date Collected: 03/02/26 08:44
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/03/26 17:36	03/06/26 18:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/03/26 17:36	03/06/26 18:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/03/26 17:36	03/06/26 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:17*	*1*
o-Terphenyl	*115*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2080**		50.4		mg/Kg			03/05/26 02:29	5

Client Sample ID: CS64A
Date Collected: 03/02/26 08:41
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 02:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 02:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 02:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/06/26 12:13	03/07/26 02:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 02:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/06/26 12:13	03/07/26 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*03/06/26 12:13*	*03/07/26 02:39*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/06/26 12:13*	*03/07/26 02:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/07/26 02:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/06/26 18:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/26 17:36	03/06/26 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/03/26 17:36	03/06/26 18:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/26 17:36	03/06/26 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:33*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:33*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS64A
Date Collected: 03/02/26 08:41
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1590**		50.1		mg/Kg			03/05/26 02:43	5

Client Sample ID: CS65A
Date Collected: 03/02/26 08:46
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/06/26 12:13	03/07/26 03:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/06/26 12:13	03/07/26 03:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/06/26 12:13	03/07/26 03:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/06/26 12:13	03/07/26 03:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/06/26 12:13	03/07/26 03:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/06/26 12:13	03/07/26 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*03/06/26 12:13*	*03/07/26 03:00*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/06/26 12:13*	*03/07/26 03:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/07/26 03:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**95.1**		50.3		mg/Kg			03/06/26 18:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		03/03/26 17:36	03/06/26 18:48	1
Diesel Range Organics (Over C10-C28)	**95.1**		50.3		mg/Kg		03/03/26 17:36	03/06/26 18:48	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/03/26 17:36	03/06/26 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:48*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/03/26 17:36*	*03/06/26 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1670**		99.6		mg/Kg			03/05/26 02:48	10

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: SW09

Date Collected: 03/02/26 10:41
Date Received: 03/02/26 16:06
Sample Depth: 1-2

Lab Sample ID: 890-9573-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/06/26 12:13	03/07/26 03:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/06/26 12:13	03/07/26 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*03/06/26 12:13*	*03/07/26 03:20*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/06/26 12:13*	*03/07/26 03:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/07/26 03:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/06/26 19:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		03/03/26 17:36	03/06/26 19:03	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/03/26 17:36	03/06/26 19:03	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/03/26 17:36	03/06/26 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/03/26 17:36*	*03/06/26 19:03*	*1*
o-Terphenyl	*123*		*70 - 130*	*03/03/26 17:36*	*03/06/26 19:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.7**		10.1		mg/Kg			03/05/26 02:53	1

Client Sample ID: SW10

Date Collected: 03/02/26 10:43
Date Received: 03/02/26 16:06
Sample Depth: 1-2

Lab Sample ID: 890-9573-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/06/26 12:13	03/07/26 03:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 03:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/06/26 12:13	03/07/26 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*03/06/26 12:13*	*03/07/26 03:41*	*1*

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Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: SW10

Date Collected: 03/02/26 10:43
Date Received: 03/02/26 16:06
Sample Depth: 1-2

Lab Sample ID: 890-9573-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/06/26 12:13*	*03/07/26 03:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/07/26 03:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/08/26 15:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/03/26 18:24	03/08/26 15:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/03/26 18:24	03/08/26 15:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/03/26 18:24	03/08/26 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/03/26 18:24*	*03/08/26 15:19*	*1*
o-Terphenyl	*111*		*70 - 130*	*03/03/26 18:24*	*03/08/26 15:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**525**		9.90	mg/Kg			03/05/26 02:58	1

Client Sample ID: SW11

Date Collected: 03/02/26 10:45
Date Received: 03/02/26 16:06
Sample Depth: 1-2

Lab Sample ID: 890-9573-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/06/26 12:13	03/07/26 04:01	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/06/26 12:13	03/07/26 04:01	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/06/26 12:13	03/07/26 04:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/06/26 12:13	03/07/26 04:01	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/06/26 12:13	03/07/26 04:01	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/06/26 12:13	03/07/26 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*03/06/26 12:13*	*03/07/26 04:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/06/26 12:13*	*03/07/26 04:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/07/26 04:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/08/26 16:54	1

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Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: SW11

Date Collected: 03/02/26 10:45
Date Received: 03/02/26 16:06
Sample Depth: 1-2

Lab Sample ID: 890-9573-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 16:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 16:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/03/26 18:24*	*03/08/26 16:54*	*1*
o-Terphenyl	*123*		*70 - 130*	*03/03/26 18:24*	*03/08/26 16:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**899**		10.1		mg/Kg			03/05/26 03:03	1

Client Sample ID: CS92A

Date Collected: 03/02/26 11:15
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/06/26 12:13	03/07/26 04:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/06/26 12:13	03/07/26 04:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/06/26 12:13	03/07/26 04:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/06/26 12:13	03/07/26 04:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/06/26 12:13	03/07/26 04:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/06/26 12:13	03/07/26 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*03/06/26 12:13*	*03/07/26 04:22*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/06/26 12:13*	*03/07/26 04:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/07/26 04:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**100**		49.9		mg/Kg			03/08/26 17:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/03/26 18:24	03/08/26 17:08	1
Diesel Range Organics (Over C10-C28)	**100**		49.9		mg/Kg		03/03/26 18:24	03/08/26 17:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/03/26 18:24	03/08/26 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*03/03/26 18:24*	*03/08/26 17:08*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/03/26 18:24*	*03/08/26 17:08*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS92A

Date Collected: 03/02/26 11:15
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-9

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3690**		100		mg/Kg			03/05/26 03:07	10

Client Sample ID: CS93A

Date Collected: 03/02/26 11:13
Date Received: 03/02/26 16:06
Sample Depth: 1

Lab Sample ID: 890-9573-10

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 04:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 04:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/06/26 12:13	03/07/26 04:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/06/26 12:13	03/07/26 04:42	1
o-Xylene	**0.00405**		0.00199		mg/Kg		03/06/26 12:13	03/07/26 04:42	1
Xylenes, Total	**0.00405**		0.00398		mg/Kg		03/06/26 12:13	03/07/26 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*03/06/26 12:13*	*03/07/26 04:42*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/06/26 12:13*	*03/07/26 04:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00405**		0.00398		mg/Kg			03/07/26 04:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**120**		50.0		mg/Kg			03/08/26 17:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 17:22	1
Diesel Range Organics (Over C10-C28)	**120**		50.0		mg/Kg		03/03/26 18:24	03/08/26 17:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*03/03/26 18:24*	*03/08/26 17:22*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/03/26 18:24*	*03/08/26 17:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1060**		99.0		mg/Kg			03/05/26 03:12	10

Surrogate Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-67886-A-26-A MB	Method Blank	119	96
890-9573-1	CS41A	129	94
890-9573-1 MS	CS41A	118	96
890-9573-1 MSD	CS41A	128	94
890-9573-2	CS50A	128	93
890-9573-3	CS63A	125	95
890-9573-4	CS64A	131 S1+	90
890-9573-5	CS65A	129	93
890-9573-6	SW09	122	95
890-9573-7	SW10	130	92
890-9573-8	SW11	134 S1+	93
890-9573-9	CS92A	129	94
890-9573-10	CS93A	125	95
LCS 880-134086/1-A	Lab Control Sample	118	95
LCSD 880-134086/2-A	Lab Control Sample Dup	117	97
MB 880-134086/5-A	Method Blank	115	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9569-A-1-E MS	Matrix Spike	96	113
890-9569-A-1-F MSD	Matrix Spike Duplicate	118	108
890-9573-1	CS41A	91	100
890-9573-2	CS50A	97	105
890-9573-3	CS63A	105	115
890-9573-4	CS64A	102	110
890-9573-5	CS65A	109	120
890-9573-6	SW09	111	123
890-9573-7	SW10	96	111
890-9573-7 MS	SW10	119	115
890-9573-7 MSD	SW10	118	117
890-9573-8	SW11	108	123
890-9573-9	CS92A	106	120
890-9573-10	CS93A	107	121
LCS 880-133719/2-A	Lab Control Sample	99	111
LCS 880-133729/2-A	Lab Control Sample	79	78
LCSD 880-133719/3-A	Lab Control Sample Dup	123	106
LCSD 880-133729/3-A	Lab Control Sample Dup	79	79
MB 880-133719/1-A	Method Blank	107	105
MB 880-133729/1-A	Method Blank	77	80

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-67886-A-26-A MB
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133830

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/04/26 13:14	03/06/26 19:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/04/26 13:14	03/06/26 19:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/04/26 13:14	03/06/26 19:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/04/26 13:14	03/06/26 19:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/04/26 13:14	03/06/26 19:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/04/26 13:14	03/06/26 19:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*03/04/26 13:14*	*03/06/26 19:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/04/26 13:14*	*03/06/26 19:49*	*1*

Lab Sample ID: MB 880-134086/5-A
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134086

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/06/26 12:13	03/07/26 01:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/06/26 12:13	03/07/26 01:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/06/26 12:13	03/07/26 01:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*03/06/26 12:13*	*03/07/26 01:16*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/06/26 12:13*	*03/07/26 01:16*	*1*

Lab Sample ID: LCS 880-134086/1-A
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134086

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09400		mg/Kg		94	70 - 130		
Toluene			0.100	0.08830		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09856		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			0.200	0.2047		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1035		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-134086/2-A
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134086

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09663		mg/Kg		97	70 - 130	3	35

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-134086/2-A
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134086

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08805		mg/Kg		88	70 - 130	0	35
Ethylbenzene			0.100	0.09640		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1976		mg/Kg		99	70 - 130	4	35
o-Xylene			0.100	0.09953		mg/Kg		100	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-9573-1 MS
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: CS41A
Prep Type: Total/NA
Prep Batch: 134086

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.08704		mg/Kg		87	70 - 130
Toluene	<0.00200	U F1	0.100	0.07938		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.08804		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1795		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.09046		mg/Kg		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-9573-1 MSD
Matrix: Solid
Analysis Batch: 134028

Client Sample ID: CS41A
Prep Type: Total/NA
Prep Batch: 134086

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F2 F1	0.100	<0.00200	U F2 F1	mg/Kg		2	70 - 130	192	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.004105	F2 F1	mg/Kg		2	70 - 130	191	35
o-Xylene	<0.00200	U F2 F1	0.100	0.002601	F2 F1	mg/Kg		3	70 - 130	189	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-133719/1-A
Matrix: Solid
Analysis Batch: 134067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133719

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/26 17:36	03/06/26 11:40	1

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-133719/1-A
Matrix: Solid
Analysis Batch: 134067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133719

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/03/26 17:36	03/06/26 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/26 17:36	03/06/26 11:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*03/03/26 17:36*	*03/06/26 11:40*	*1*
o-Terphenyl	*105*		*70 - 130*	*03/03/26 17:36*	*03/06/26 11:40*	*1*

Lab Sample ID: LCS 880-133719/2-A
Matrix: Solid
Analysis Batch: 134067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133719

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1122		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	991.3		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: LCSD 880-133719/3-A
Matrix: Solid
Analysis Batch: 134067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133719

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1044		mg/Kg		104	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	887.3		mg/Kg		89	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*123*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: 890-9569-A-1-E MS
Matrix: Solid
Analysis Batch: 134067

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	870.1		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	791.2		mg/Kg		79	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*113*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9569-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134067 — **Prep Batch: 133719**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	823.1		mg/Kg		82	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	730.6		mg/Kg		73	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: MB 880-133729/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134140 — **Prep Batch: 133729**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 09:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 09:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/26 18:24	03/08/26 09:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*03/03/26 18:24*	*03/08/26 09:35*	*1*
o-Terphenyl	*80*		*70 - 130*	*03/03/26 18:24*	*03/08/26 09:35*	*1*

Lab Sample ID: LCS 880-133729/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134140 — **Prep Batch: 133729**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	749.5		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	748.6		mg/Kg		75	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

Lab Sample ID: LCSD 880-133729/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134140 — **Prep Batch: 133729**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	784.4		mg/Kg		78	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	754.9		mg/Kg		75	70 - 130	1	20

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-133729/3-A
Matrix: Solid
Analysis Batch: 134140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133729

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*79*		*70 - 130*

Lab Sample ID: 890-9573-7 MS
Matrix: Solid
Analysis Batch: 134140

Client Sample ID: SW10
Prep Type: Total/NA
Prep Batch: 133729

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1047		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	964.3		mg/Kg		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*119*		*70 - 130*
o-Terphenyl	*115*		*70 - 130*

Lab Sample ID: 890-9573-7 MSD
Matrix: Solid
Analysis Batch: 134140

Client Sample ID: SW10
Prep Type: Total/NA
Prep Batch: 133729

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1044		mg/Kg		104	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	975.1		mg/Kg		93	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-133800/1-A
Matrix: Solid
Analysis Batch: 133878

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			03/05/26 00:47	1

Lab Sample ID: LCS 880-133800/2-A
Matrix: Solid
Analysis Batch: 133878

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.1		mg/Kg		97	90 - 110

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-133800/3-A
Matrix: Solid
Analysis Batch: 133878

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.6		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-9573-1 MS
Matrix: Solid
Analysis Batch: 133878

Client Sample ID: CS41A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	655	F1	1260	2081	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 890-9573-1 MSD
Matrix: Solid
Analysis Batch: 133878

Client Sample ID: CS41A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	655	F1	1260	2086	F1	mg/Kg		113	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

GC VOA

Prep Batch: 133830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67886-A-26-A MB	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 134028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Total/NA	Solid	8021B	134086
890-9573-2	CS50A	Total/NA	Solid	8021B	134086
890-9573-3	CS63A	Total/NA	Solid	8021B	134086
890-9573-4	CS64A	Total/NA	Solid	8021B	134086
890-9573-5	CS65A	Total/NA	Solid	8021B	134086
890-9573-6	SW09	Total/NA	Solid	8021B	134086
890-9573-7	SW10	Total/NA	Solid	8021B	134086
890-9573-8	SW11	Total/NA	Solid	8021B	134086
890-9573-9	CS92A	Total/NA	Solid	8021B	134086
890-9573-10	CS93A	Total/NA	Solid	8021B	134086
880-67886-A-26-A MB	Method Blank	Total/NA	Solid	8021B	133830
MB 880-134086/5-A	Method Blank	Total/NA	Solid	8021B	134086
LCS 880-134086/1-A	Lab Control Sample	Total/NA	Solid	8021B	134086
LCSD 880-134086/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134086
890-9573-1 MS	CS41A	Total/NA	Solid	8021B	134086
890-9573-1 MSD	CS41A	Total/NA	Solid	8021B	134086

Prep Batch: 134086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Total/NA	Solid	5035	
890-9573-2	CS50A	Total/NA	Solid	5035	
890-9573-3	CS63A	Total/NA	Solid	5035	
890-9573-4	CS64A	Total/NA	Solid	5035	
890-9573-5	CS65A	Total/NA	Solid	5035	
890-9573-6	SW09	Total/NA	Solid	5035	
890-9573-7	SW10	Total/NA	Solid	5035	
890-9573-8	SW11	Total/NA	Solid	5035	
890-9573-9	CS92A	Total/NA	Solid	5035	
890-9573-10	CS93A	Total/NA	Solid	5035	
MB 880-134086/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134086/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134086/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9573-1 MS	CS41A	Total/NA	Solid	5035	
890-9573-1 MSD	CS41A	Total/NA	Solid	5035	

Analysis Batch: 134300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Total/NA	Solid	Total BTEX	
890-9573-2	CS50A	Total/NA	Solid	Total BTEX	
890-9573-3	CS63A	Total/NA	Solid	Total BTEX	
890-9573-4	CS64A	Total/NA	Solid	Total BTEX	
890-9573-5	CS65A	Total/NA	Solid	Total BTEX	
890-9573-6	SW09	Total/NA	Solid	Total BTEX	
890-9573-7	SW10	Total/NA	Solid	Total BTEX	
890-9573-8	SW11	Total/NA	Solid	Total BTEX	
890-9573-9	CS92A	Total/NA	Solid	Total BTEX	
890-9573-10	CS93A	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

GC Semi VOA

Prep Batch: 133719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Total/NA	Solid	8015NM Prep	
890-9573-2	CS50A	Total/NA	Solid	8015NM Prep	
890-9573-3	CS63A	Total/NA	Solid	8015NM Prep	
890-9573-4	CS64A	Total/NA	Solid	8015NM Prep	
890-9573-5	CS65A	Total/NA	Solid	8015NM Prep	
890-9573-6	SW09	Total/NA	Solid	8015NM Prep	
MB 880-133719/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-133719/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133719/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9569-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9569-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 133729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-7	SW10	Total/NA	Solid	8015NM Prep	
890-9573-8	SW11	Total/NA	Solid	8015NM Prep	
890-9573-9	CS92A	Total/NA	Solid	8015NM Prep	
890-9573-10	CS93A	Total/NA	Solid	8015NM Prep	
MB 880-133729/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-133729/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133729/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9573-7 MS	SW10	Total/NA	Solid	8015NM Prep	
890-9573-7 MSD	SW10	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Total/NA	Solid	8015B NM	133719
890-9573-2	CS50A	Total/NA	Solid	8015B NM	133719
890-9573-3	CS63A	Total/NA	Solid	8015B NM	133719
890-9573-4	CS64A	Total/NA	Solid	8015B NM	133719
890-9573-5	CS65A	Total/NA	Solid	8015B NM	133719
890-9573-6	SW09	Total/NA	Solid	8015B NM	133719
MB 880-133719/1-A	Method Blank	Total/NA	Solid	8015B NM	133719
LCS 880-133719/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133719
LCSD 880-133719/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133719
890-9569-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	133719
890-9569-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	133719

Analysis Batch: 134140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-7	SW10	Total/NA	Solid	8015B NM	133729
890-9573-8	SW11	Total/NA	Solid	8015B NM	133729
890-9573-9	CS92A	Total/NA	Solid	8015B NM	133729
890-9573-10	CS93A	Total/NA	Solid	8015B NM	133729
MB 880-133729/1-A	Method Blank	Total/NA	Solid	8015B NM	133729
LCS 880-133729/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133729
LCSD 880-133729/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133729
890-9573-7 MS	SW10	Total/NA	Solid	8015B NM	133729
890-9573-7 MSD	SW10	Total/NA	Solid	8015B NM	133729

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

GC Semi VOA

Analysis Batch: 134201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Total/NA	Solid	8015 NM	
890-9573-2	CS50A	Total/NA	Solid	8015 NM	
890-9573-3	CS63A	Total/NA	Solid	8015 NM	
890-9573-4	CS64A	Total/NA	Solid	8015 NM	
890-9573-5	CS65A	Total/NA	Solid	8015 NM	
890-9573-6	SW09	Total/NA	Solid	8015 NM	
890-9573-7	SW10	Total/NA	Solid	8015 NM	
890-9573-8	SW11	Total/NA	Solid	8015 NM	
890-9573-9	CS92A	Total/NA	Solid	8015 NM	
890-9573-10	CS93A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 133800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Soluble	Solid	DI Leach	
890-9573-2	CS50A	Soluble	Solid	DI Leach	
890-9573-3	CS63A	Soluble	Solid	DI Leach	
890-9573-4	CS64A	Soluble	Solid	DI Leach	
890-9573-5	CS65A	Soluble	Solid	DI Leach	
890-9573-6	SW09	Soluble	Solid	DI Leach	
890-9573-7	SW10	Soluble	Solid	DI Leach	
890-9573-8	SW11	Soluble	Solid	DI Leach	
890-9573-9	CS92A	Soluble	Solid	DI Leach	
890-9573-10	CS93A	Soluble	Solid	DI Leach	
MB 880-133800/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-133800/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-133800/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9573-1 MS	CS41A	Soluble	Solid	DI Leach	
890-9573-1 MSD	CS41A	Soluble	Solid	DI Leach	

Analysis Batch: 133878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9573-1	CS41A	Soluble	Solid	300.0	133800
890-9573-2	CS50A	Soluble	Solid	300.0	133800
890-9573-3	CS63A	Soluble	Solid	300.0	133800
890-9573-4	CS64A	Soluble	Solid	300.0	133800
890-9573-5	CS65A	Soluble	Solid	300.0	133800
890-9573-6	SW09	Soluble	Solid	300.0	133800
890-9573-7	SW10	Soluble	Solid	300.0	133800
890-9573-8	SW11	Soluble	Solid	300.0	133800
890-9573-9	CS92A	Soluble	Solid	300.0	133800
890-9573-10	CS93A	Soluble	Solid	300.0	133800
MB 880-133800/1-A	Method Blank	Soluble	Solid	300.0	133800
LCS 880-133800/2-A	Lab Control Sample	Soluble	Solid	300.0	133800
LCSD 880-133800/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133800
890-9573-1 MS	CS41A	Soluble	Solid	300.0	133800
890-9573-1 MSD	CS41A	Soluble	Solid	300.0	133800

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS41A
Date Collected: 03/02/26 08:37
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 01:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/06/26 17:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	133719	03/03/26 17:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134067	03/06/26 17:47	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		5			133878	03/05/26 02:09	CS	EET MID

Client Sample ID: CS50A
Date Collected: 03/02/26 08:39
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 01:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/06/26 18:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133719	03/03/26 17:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134067	03/06/26 18:02	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		5			133878	03/05/26 02:24	CS	EET MID

Client Sample ID: CS63A
Date Collected: 03/02/26 08:44
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 02:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/06/26 18:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133719	03/03/26 17:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134067	03/06/26 18:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		5			133878	03/05/26 02:29	CS	EET MID

Client Sample ID: CS64A
Date Collected: 03/02/26 08:41
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 02:39	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: CS64A
Date Collected: 03/02/26 08:41
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			134201	03/06/26 18:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133719	03/03/26 17:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134067	03/06/26 18:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		5			133878	03/05/26 02:43	CS	EET MID

Client Sample ID: CS65A
Date Collected: 03/02/26 08:46
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 03:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/06/26 18:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	133719	03/03/26 17:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134067	03/06/26 18:48	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		10			133878	03/05/26 02:48	CS	EET MID

Client Sample ID: SW09
Date Collected: 03/02/26 10:41
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 03:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/06/26 19:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	133719	03/03/26 17:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134067	03/06/26 19:03	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		1			133878	03/05/26 02:53	CS	EET MID

Client Sample ID: SW10
Date Collected: 03/02/26 10:43
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 03:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/08/26 15:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133729	03/03/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134140	03/08/26 15:19	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Client Sample ID: SW10
Date Collected: 03/02/26 10:43
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		1			133878	03/05/26 02:58	CS	EET MID

Client Sample ID: SW11
Date Collected: 03/02/26 10:45
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 04:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 04:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/08/26 16:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	133729	03/03/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134140	03/08/26 16:54	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		1			133878	03/05/26 03:03	CS	EET MID

Client Sample ID: CS92A
Date Collected: 03/02/26 11:15
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 04:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/08/26 17:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133729	03/03/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134140	03/08/26 17:08	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		10			133878	03/05/26 03:07	CS	EET MID

Client Sample ID: CS93A
Date Collected: 03/02/26 11:13
Date Received: 03/02/26 16:06

Lab Sample ID: 890-9573-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134086	03/06/26 12:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134028	03/07/26 04:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134300	03/07/26 04:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			134201	03/08/26 17:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133729	03/03/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134140	03/08/26 17:22	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	133800	03/04/26 10:37	SI	EET MID
Soluble	Analysis	300.0		10			133878	03/05/26 03:12	CS	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704400. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9573-1
SDG: 03C1558583

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9573-1	CS41A	Solid	03/02/26 08:37	03/02/26 16:06	1
890-9573-2	CS50A	Solid	03/02/26 08:39	03/02/26 16:06	1
890-9573-3	CS63A	Solid	03/02/26 08:44	03/02/26 16:06	1
890-9573-4	CS64A	Solid	03/02/26 08:41	03/02/26 16:06	1
890-9573-5	CS65A	Solid	03/02/26 08:46	03/02/26 16:06	1
890-9573-6	SW09	Solid	03/02/26 10:41	03/02/26 16:06	1-2
890-9573-7	SW10	Solid	03/02/26 10:43	03/02/26 16:06	1-2
890-9573-8	SW11	Solid	03/02/26 10:45	03/02/26 16:06	1-2
890-9573-9	CS92A	Solid	03/02/26 11:15	03/02/26 16:06	1
890-9573-10	CS93A	Solid	03/02/26 11:13	03/02/26 16:06	1

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-9573 Chain of Custody

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy.	Address:	3104 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jorios@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558563	☑ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Tm#2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.8
Total Containers:		Corrected Temperature:	4.6

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides	TPH	BTEX	Sample Comments
CS41A	S	3/2/26	0837	1'	C	1		✓	✓	✓	nAPP2434530896
CS50A	S		0839	1'							CC: 2258891001
CS63A	S		0844	1'							GFCM: 48605000
CS64A	S		0841	1'							
CS65A	S		0846	1'							
SW09	S		TH 1041	0-2'							
~~SW8~~ SW10	S		TH 1043	0-2'							
SW11	S		TH 1045	0-2'							
CS92A	S		1115	1'							
CS93A	S	3/2/26	1113	1'	C	1		✓	✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

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Received by OCD: 6/8/2026 4:15:53 PM

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-9573 Chain of Custody

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy.	Address:	3104 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jorios@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☒ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Tm#2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.8
Total Containers:		Corrected Temperature:	4.6

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides	TPH	BTEX	Sample Comments
CS41A	S	3/2/26	0837	1'	C	1		✓	✓	✓	nAPP2434530896
CS50A	S		0839	1'							CC: 2258891001
CS63A	S		0844	1'							GFCM: 48605000
CS64A	S		0841	1'							
CS65A	S		0846	1'							
SW09	S		1041	0-2'							
~~SW8~~ SW10	S		1043	0-2'							
SW11	S		1045	0-2'							
CS92A	S		1115	1'							
CS93A	S	3/2/26	1113	1'	C	1		✓	✓	✓	

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/2 1604	2		
3			4		
5			6		

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6582.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9573-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/6/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Poker Lake Unit 30-19 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS41A (890-9573-1)	3/2/26	08:37 Mountain	G	Solid			X	X	X	X	X	1	
CS50A (890-9573-2)	3/2/26	08:39 Mountain	G	Solid			X	X	X	X	X	1	
CS63A (890-9573-3)	3/2/26	08:44 Mountain	G	Solid			X	X	X	X	X	1	
CS64A (890-9573-4)	3/2/26	08:41 Mountain	G	Solid			X	X	X	X	X	1	
CS65A (890-9573-5)	3/2/26	08:46 Mountain	G	Solid			X	X	X	X	X	1	
SW09 (890-9573-6)	3/2/26	10:41 Mountain	G	Solid			X	X	X	X	X	1	
SW10 (890-9573-7)	3/2/26	10:43 Mountain	G	Solid			X	X	X	X	X	1	
SW11 (890-9573-8)	3/2/26	10:45 Mountain	G	Solid			X	X	X	X	X	1	
CS92A (890-9573-9)	3/2/26	11:15 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6582.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9573-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/6/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Poker Lake Unit 30-19 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS93A (890-9573-10)	3/2/26	11:13 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	3/2 1630			3-3-26 1106	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9573-1
SDG Number: 03C1558583

Login Number: 9573
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9573-1
SDG Number: 03C1558583

Login Number: 9573
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 03/03/26 07:29 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 6/8/2026 1:12:36 PM Revision 1

JOB DESCRIPTION

POKER LAKE UNIT 30 - 19 154H
03C1558583

JOB NUMBER

890-9613-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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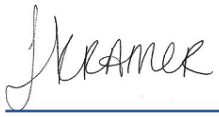
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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6/8/2026 1:12:36 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Laboratory Job ID: 890-9613-1
SDG: 03C1558583

Table of Contents

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Definitions/Glossary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-9613-1
Project: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1 Eurofins Carlsbad

Job Narrative
890-9613-1

REVISION

The report being provided is a revision of the original report sent on 3/16/2026. The report (revision 1) is being revised due to Per client email, requesting sample depth corrections.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/6/2026 3:23 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW 18 (890-9613-1), SW 19 (890-9613-2), CS 14A (890-9613-3), FS 76 (890-9613-4), FS 77 (890-9613-5), SW 21 (890-9613-6), SW 22 (890-9613-7), SW 23 (890-9613-8), CS 07A (890-9613-9), CS 08A (890-9613-10), FS 23A (890-9613-11), FS 26A (890-9613-12), FS 27A (890-9613-13), FS 41A (890-9613-14), SW 24 (890-9613-15), SW 25 (890-9613-16), SW 26 (890-9613-17) and SW 20 (890-9613-18).

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: FS 27A (890-9613-13), FS 41A (890-9613-14), (LCSD 880-134169/3-A), (890-9613-A-13-B MS) and (890-9613-A-13-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW 18 (890-9613-1), SW 19 (890-9613-2), CS 14A (890-9613-3), FS 76 (890-9613-4), FS 77 (890-9613-5), SW 21 (890-9613-6), SW 22 (890-9613-7), SW 23 (890-9613-8), CS 07A (890-9613-9), CS 08A (890-9613-10), FS 23A (890-9613-11), FS 26A (890-9613-12), (890-9611-A-15-A), (890-9611-A-15-B MS) and (890-9611-A-15-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9613-A-13-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: FS 27A (890-9613-13). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: FS 41A (890-9613-14) and SW 20 (890-9613-18). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW 24 (890-9613-15), SW 25 (890-9613-16) and SW 26 (890-9613-17). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-134169 and analytical batch 880-134911 was outside the control limits.

Case Narrative

Client: Ensolum Job ID: 890-9613-1
Project: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1 (Continued) Eurofins Carlsbad

Method 8015B NM: The matrix spike (MS) recoveries for preparation batch 880-134169 and analytical batch 880-134911 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 18

Date Collected: 03/06/26 08:42
Date Received: 03/06/26 15:23
Sample Depth: 1-2

Lab Sample ID: 890-9613-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 01:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 15:28	03/10/26 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 01:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 15:28	03/10/26 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/09/26 15:28*	*03/10/26 01:02*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*03/09/26 15:28*	*03/10/26 01:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/10/26 01:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/13/26 04:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 04:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 04:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*50*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 04:45*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/08/26 20:07*	*03/13/26 04:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		10.1		mg/Kg			03/10/26 19:29	1

Client Sample ID: SW 19

Date Collected: 03/06/26 08:45
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Lab Sample ID: 890-9613-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/09/26 15:28	03/10/26 01:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/26 15:28	03/10/26 01:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/26 15:28	03/10/26 01:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/26 15:28	03/10/26 01:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/26 15:28	03/10/26 01:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/26 15:28	03/10/26 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*03/09/26 15:28*	*03/10/26 01:23*	*1*

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 19

Date Collected: 03/06/26 08:45
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Lab Sample ID: 890-9613-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*03/09/26 15:28*	*03/10/26 01:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/10/26 01:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			03/13/26 05:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		03/08/26 20:07	03/13/26 05:01	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		03/08/26 20:07	03/13/26 05:01	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		03/08/26 20:07	03/13/26 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*56*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 05:01*	*1*
o-Terphenyl	*114*		*70 - 130*	*03/08/26 20:07*	*03/13/26 05:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**174**		9.94	mg/Kg			03/10/26 19:34	1

Client Sample ID: CS 14A

Date Collected: 03/06/26 08:48
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/09/26 15:28	03/10/26 01:44	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/09/26 15:28	03/10/26 01:44	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/09/26 15:28	03/10/26 01:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/09/26 15:28	03/10/26 01:44	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/09/26 15:28	03/10/26 01:44	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/09/26 15:28	03/10/26 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/09/26 15:28*	*03/10/26 01:44*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*03/09/26 15:28*	*03/10/26 01:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/10/26 01:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			03/13/26 05:31	1

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: CS 14A

Date Collected: 03/06/26 08:48
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/08/26 20:07	03/13/26 05:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/08/26 20:07	03/13/26 05:31	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/08/26 20:07	03/13/26 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*53*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 05:31*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/08/26 20:07*	*03/13/26 05:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.4**		9.92		mg/Kg			03/10/26 19:39	1

Client Sample ID: FS 76

Date Collected: 03/06/26 08:52
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 02:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 02:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 02:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 15:28	03/10/26 02:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 02:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 15:28	03/10/26 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/09/26 15:28*	*03/10/26 02:04*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*03/09/26 15:28*	*03/10/26 02:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/10/26 02:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/13/26 05:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 05:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 05:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*61*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 05:45*	*1*
o-Terphenyl	*123*		*70 - 130*	*03/08/26 20:07*	*03/13/26 05:45*	*1*

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 76

Lab Sample ID: 890-9613-4
Matrix: Solid
Date Collected: 03/06/26 08:52
Date Received: 03/06/26 15:23
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		10.0		mg/Kg			03/10/26 19:44	1

Client Sample ID: FS 77

Lab Sample ID: 890-9613-5
Matrix: Solid
Date Collected: 03/06/26 08:54
Date Received: 03/06/26 15:23
Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 02:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 02:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 02:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 15:28	03/10/26 02:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 02:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 15:28	03/10/26 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/09/26 15:28*	*03/10/26 02:25*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*03/09/26 15:28*	*03/10/26 02:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/10/26 02:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/13/26 06:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/08/26 20:07	03/13/26 06:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/26 20:07	03/13/26 06:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 20:07	03/13/26 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*58*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 06:00*	*1*
o-Terphenyl	*115*		*70 - 130*	*03/08/26 20:07*	*03/13/26 06:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.9		9.92		mg/Kg			03/10/26 19:49	1

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 21

Date Collected: 03/06/26 10:01
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Lab Sample ID: 890-9613-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 02:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 02:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 02:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 15:28	03/10/26 02:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 02:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 15:28	03/10/26 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/09/26 15:28*	*03/10/26 02:46*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*03/09/26 15:28*	*03/10/26 02:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/10/26 02:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**273**		50.0		mg/Kg			03/13/26 06:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 06:16	1
Diesel Range Organics (Over C10-C28)	**273**		50.0		mg/Kg		03/08/26 20:07	03/13/26 06:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*62*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 06:16*	*1*
o-Terphenyl	*123*		*70 - 130*	*03/08/26 20:07*	*03/13/26 06:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.9**		10.0		mg/Kg			03/10/26 19:53	1

Client Sample ID: SW 22

Date Collected: 03/06/26 09:58
Date Received: 03/06/26 15:23
Sample Depth: 1-2

Lab Sample ID: 890-9613-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 03:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 03:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 03:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 15:28	03/10/26 03:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 03:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 15:28	03/10/26 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/09/26 15:28*	*03/10/26 03:07*	*1*

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 22

Date Collected: 03/06/26 09:58
Date Received: 03/06/26 15:23
Sample Depth: 1-2

Lab Sample ID: 890-9613-7

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/09/26 15:28*	*03/10/26 03:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			03/10/26 03:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**59.6**		49.9	mg/Kg			03/13/26 06:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/08/26 20:07	03/13/26 06:31	1
Diesel Range Organics (Over C10-C28)	**59.6**		49.9	mg/Kg		03/08/26 20:07	03/13/26 06:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/08/26 20:07	03/13/26 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*51*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 06:31*	*1*
o-Terphenyl	*103*		*70 - 130*	*03/08/26 20:07*	*03/13/26 06:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.9**		10.0	mg/Kg			03/10/26 20:08	1

Client Sample ID: SW 23

Date Collected: 03/06/26 09:56
Date Received: 03/06/26 15:23
Sample Depth: 1-2

Lab Sample ID: 890-9613-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 03:27	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 03:27	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 03:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/09/26 15:28	03/10/26 03:27	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 03:27	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/09/26 15:28	03/10/26 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/09/26 15:28*	*03/10/26 03:27*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*03/09/26 15:28*	*03/10/26 03:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/10/26 03:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/13/26 06:46	1

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 23

Date Collected: 03/06/26 09:56
Date Received: 03/06/26 15:23
Sample Depth: 1-2

Lab Sample ID: 890-9613-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/08/26 20:07	03/13/26 06:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/26 20:07	03/13/26 06:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 20:07	03/13/26 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*65*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 06:46*	*1*
o-Terphenyl	*130*		*70 - 130*	*03/08/26 20:07*	*03/13/26 06:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**252**		10.1		mg/Kg			03/10/26 20:13	1

Client Sample ID: CS 07A

Date Collected: 03/06/26 11:45
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 03:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 03:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 03:48	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 15:28	03/10/26 03:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 03:48	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 15:28	03/10/26 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*03/09/26 15:28*	*03/10/26 03:48*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/09/26 15:28*	*03/10/26 03:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/10/26 03:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**160**		50.0		mg/Kg			03/13/26 07:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 07:01	1
Diesel Range Organics (Over C10-C28)	**160**		50.0		mg/Kg		03/08/26 20:07	03/13/26 07:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*62*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 07:01*	*1*
o-Terphenyl	*122*		*70 - 130*	*03/08/26 20:07*	*03/13/26 07:01*	*1*

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: CS 07A

Lab Sample ID: 890-9613-9
Matrix: Solid
Date Collected: 03/06/26 11:45
Date Received: 03/06/26 15:23
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		9.94		mg/Kg			03/10/26 20:27	1

Client Sample ID: CS 08A

Lab Sample ID: 890-9613-10
Matrix: Solid
Date Collected: 03/06/26 11:48
Date Received: 03/06/26 15:23
Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 04:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 04:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 04:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 15:28	03/10/26 04:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 04:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 15:28	03/10/26 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/09/26 15:28*	*03/10/26 04:09*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/09/26 15:28*	*03/10/26 04:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/10/26 04:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/13/26 07:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 07:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 07:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*59*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 07:17*	*1*
o-Terphenyl	*122*		*70 - 130*	*03/08/26 20:07*	*03/13/26 07:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.0		9.92		mg/Kg			03/10/26 20:32	1

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 23A

Date Collected: 03/06/26 11:36
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 05:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 05:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 05:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 15:28	03/10/26 05:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 05:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 15:28	03/10/26 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/09/26 15:28*	*03/10/26 05:32*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*03/09/26 15:28*	*03/10/26 05:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/10/26 05:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.5**		49.8		mg/Kg			03/13/26 07:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 07:31	1
Diesel Range Organics (Over C10-C28)	**96.5**		49.8		mg/Kg		03/08/26 20:07	03/13/26 07:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 20:07	03/13/26 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*59*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 07:31*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/08/26 20:07*	*03/13/26 07:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.0**		10.0		mg/Kg			03/10/26 20:37	1

Client Sample ID: FS 26A

Date Collected: 03/06/26 11:39
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 05:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 05:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 05:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 15:28	03/10/26 05:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 05:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 15:28	03/10/26 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/09/26 15:28*	*03/10/26 05:53*	*1*

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 26A

Date Collected: 03/06/26 11:39
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-12

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*03/09/26 15:28*	*03/10/26 05:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/10/26 05:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**87.6**		50.2	mg/Kg			03/13/26 07:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		03/08/26 20:07	03/13/26 07:46	1
Diesel Range Organics (Over C10-C28)	**87.6**		50.2	mg/Kg		03/08/26 20:07	03/13/26 07:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		03/08/26 20:07	03/13/26 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*60*	*S1-*	*70 - 130*	*03/08/26 20:07*	*03/13/26 07:46*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/08/26 20:07*	*03/13/26 07:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.2**		9.96	mg/Kg			03/10/26 20:42	1

Client Sample ID: FS 27A

Date Collected: 03/06/26 11:42
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-13

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 06:13	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 06:13	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 06:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/09/26 15:28	03/10/26 06:13	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/09/26 15:28	03/10/26 06:13	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/09/26 15:28	03/10/26 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*03/09/26 15:28*	*03/10/26 06:13*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*03/09/26 15:28*	*03/10/26 06:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/10/26 06:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5	mg/Kg			03/12/26 19:08	1

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 27A

Date Collected: 03/06/26 11:42
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-13
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		03/08/26 20:10	03/12/26 19:08	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/08/26 20:10	03/12/26 19:08	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/08/26 20:10	03/12/26 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*41*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/12/26 19:08*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/08/26 20:10*	*03/12/26 19:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.5**		9.98		mg/Kg			03/10/26 20:47	1

Client Sample ID: FS 41A

Date Collected: 03/06/26 11:50
Date Received: 03/06/26 15:23
Sample Depth: 2'

Lab Sample ID: 890-9613-14
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 06:34	1
Toluene	**0.00253**		0.00200		mg/Kg		03/09/26 15:28	03/10/26 06:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 06:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/09/26 15:28	03/10/26 06:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 06:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/09/26 15:28	03/10/26 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/09/26 15:28*	*03/10/26 06:34*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/09/26 15:28*	*03/10/26 06:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/10/26 06:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/12/26 19:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 20:10	03/12/26 19:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 20:10	03/12/26 19:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 20:10	03/12/26 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*39*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/12/26 19:50*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/08/26 20:10*	*03/12/26 19:50*	*1*

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 41A

Lab Sample ID: 890-9613-14
Matrix: Solid
Date Collected: 03/06/26 11:50
Date Received: 03/06/26 15:23
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.7		9.92		mg/Kg			03/10/26 20:52	1

Client Sample ID: SW 24

Lab Sample ID: 890-9613-15
Matrix: Solid
Date Collected: 03/06/26 12:00
Date Received: 03/06/26 15:23
Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 06:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 06:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 06:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 15:28	03/10/26 06:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 15:28	03/10/26 06:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 15:28	03/10/26 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/09/26 15:28*	*03/10/26 06:55*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/09/26 15:28*	*03/10/26 06:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/10/26 06:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/15/26 21:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 20:10	03/15/26 21:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 20:10	03/15/26 21:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 20:10	03/15/26 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*41*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/15/26 21:10*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/08/26 20:10*	*03/15/26 21:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.3		10.0		mg/Kg			03/10/26 20:56	1

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 25

Date Collected: 03/06/26 11:57
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Lab Sample ID: 890-9613-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 07:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 07:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 07:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 15:28	03/10/26 07:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 15:28	03/10/26 07:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 15:28	03/10/26 07:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/09/26 15:28*	*03/10/26 07:15*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/09/26 15:28*	*03/10/26 07:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/10/26 07:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/15/26 21:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/08/26 20:10	03/15/26 21:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/08/26 20:10	03/15/26 21:24	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/08/26 20:10	03/15/26 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*51*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/15/26 21:24*	*1*
o-Terphenyl	*122*		*70 - 130*	*03/08/26 20:10*	*03/15/26 21:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		9.96		mg/Kg			03/10/26 14:05	1

Client Sample ID: SW 26

Date Collected: 03/06/26 11:54
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Lab Sample ID: 890-9613-17
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 07:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 07:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 07:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 15:28	03/10/26 07:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 15:28	03/10/26 07:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 15:28	03/10/26 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/09/26 15:28*	*03/10/26 07:36*	*1*

Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 26

Lab Sample ID: 890-9613-17
Matrix: Solid
Date Collected: 03/06/26 11:54
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*03/09/26 15:28*	*03/10/26 07:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/10/26 07:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			03/15/26 21:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		03/08/26 20:10	03/15/26 21:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		03/08/26 20:10	03/15/26 21:38	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		03/08/26 20:10	03/15/26 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*42*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/15/26 21:38*	*1*
o-Terphenyl	*103*		*70 - 130*	*03/08/26 20:10*	*03/15/26 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.9**		9.98	mg/Kg			03/10/26 14:11	1

Client Sample ID: SW 20

Lab Sample ID: 890-9613-18
Matrix: Solid
Date Collected: 03/06/26 12:55
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/09/26 15:28	03/10/26 07:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/09/26 15:28	03/10/26 07:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/09/26 15:28	03/10/26 07:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/09/26 15:28	03/10/26 07:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/09/26 15:28	03/10/26 07:57	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/09/26 15:28	03/10/26 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/09/26 15:28*	*03/10/26 07:57*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/09/26 15:28*	*03/10/26 07:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/10/26 07:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3	mg/Kg			03/15/26 21:52	1

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 20

Date Collected: 03/06/26 12:55
Date Received: 03/06/26 15:23
Sample Depth: 0-2'

Lab Sample ID: 890-9613-18

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		03/08/26 20:10	03/15/26 21:52	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/08/26 20:10	03/15/26 21:52	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/08/26 20:10	03/15/26 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*56*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/15/26 21:52*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*03/08/26 20:10*	*03/15/26 21:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**359**		9.92		mg/Kg			03/10/26 14:16	1

Surrogate Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9613-1	SW 18	109	115
890-9613-1 MS	SW 18	113	115
890-9613-1 MSD	SW 18	108	109
890-9613-2	SW 19	117	118
890-9613-3	CS 14A	111	112
890-9613-4	FS 76	110	114
890-9613-5	FS 77	116	114
890-9613-6	SW 21	113	115
890-9613-7	SW 22	111	109
890-9613-8	SW 23	109	115
890-9613-9	CS 07A	112	107
890-9613-10	CS 08A	107	109
890-9613-11	FS 23A	108	112
890-9613-12	FS 26A	108	116
890-9613-13	FS 27A	112	115
890-9613-14	FS 41A	107	111
890-9613-15	SW 24	108	108
890-9613-16	SW 25	106	109
890-9613-17	SW 26	114	115
890-9613-18	SW 20	110	111
LCS 880-134312/1-A	Lab Control Sample	108	113
LCSD 880-134312/2-A	Lab Control Sample Dup	107	109
MB 880-134252/5-A	Method Blank	104	108
MB 880-134312/5-A	Method Blank	106	114

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9611-A-15-B MS	Matrix Spike	58 S1-	110
890-9611-A-15-C MSD	Matrix Spike Duplicate	57 S1-	111
890-9613-1	SW 18	50 S1-	98
890-9613-2	SW 19	56 S1-	114
890-9613-3	CS 14A	53 S1-	113
890-9613-4	FS 76	61 S1-	123
890-9613-5	FS 77	58 S1-	115
890-9613-6	SW 21	62 S1-	123
890-9613-7	SW 22	51 S1-	103
890-9613-8	SW 23	65 S1-	130
890-9613-9	CS 07A	62 S1-	122
890-9613-10	CS 08A	59 S1-	122
890-9613-11	FS 23A	59 S1-	120
890-9613-12	FS 26A	60 S1-	120
890-9613-13	FS 27A	41 S1-	98

Surrogate Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-9613-13 MS	FS 27A	59 S1-	97								
890-9613-13 MS	FS 27A	94	154 S1+								
890-9613-13 MSD	FS 27A	58 S1-	94								
890-9613-13 MSD	FS 27A	82	130								
890-9613-14	FS 41A	39 S1-	92								
890-9613-15	SW 24	41 S1-	98								
890-9613-16	SW 25	51 S1-	122								
890-9613-17	SW 26	42 S1-	103								
890-9613-18	SW 20	56 S1-	133 S1+								
LCS 880-134168/2-A	Lab Control Sample	96	94								
LCS 880-134169/2-A	Lab Control Sample	70	95								
LCS 880-134169/2-A	Lab Control Sample	72	97								
LCSD 880-134168/3-A	Lab Control Sample Dup	94	90								
LCSD 880-134169/3-A	Lab Control Sample Dup	65 S1-	87								
LCSD 880-134169/3-A	Lab Control Sample Dup	85	116								
MB 880-134168/1-A	Method Blank	123	123								
MB 880-134169/1-A	Method Blank	72	81								
MB 880-134169/1-A	Method Blank	37 S1-	38 S1-								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134252/5-A
Matrix: Solid
Analysis Batch: 134203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134252

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:39	03/09/26 13:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:39	03/09/26 13:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:39	03/09/26 13:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 11:39	03/09/26 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:39	03/09/26 13:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 11:39	03/09/26 13:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/09/26 11:39*	*03/09/26 13:12*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/09/26 11:39*	*03/09/26 13:12*	*1*

Lab Sample ID: MB 880-134312/5-A
Matrix: Solid
Analysis Batch: 134203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134312

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 00:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 00:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 00:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 15:28	03/10/26 00:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 15:28	03/10/26 00:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 15:28	03/10/26 00:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/09/26 15:28*	*03/10/26 00:41*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*03/09/26 15:28*	*03/10/26 00:41*	*1*

Lab Sample ID: LCS 880-134312/1-A
Matrix: Solid
Analysis Batch: 134203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134312

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09058		mg/Kg		91	70 - 130		
Toluene			0.100	0.08508		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.09019		mg/Kg		90	70 - 130		
m-Xylene & p-Xylene			0.200	0.1789		mg/Kg		89	70 - 130		
o-Xylene			0.100	0.08504		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-134312/2-A
Matrix: Solid
Analysis Batch: 134203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134312

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1012		mg/Kg		101	70 - 130	11	35

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QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-134312/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134203 — **Prep Batch: 134312**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09362		mg/Kg		94	70 - 130	10	35
Ethylbenzene			0.100	0.1005		mg/Kg		100	70 - 130	11	35
m-Xylene & p-Xylene			0.200	0.1948		mg/Kg		97	70 - 130	9	35
o-Xylene			0.100	0.09455		mg/Kg		95	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 890-9613-1 MS — **Client Sample ID: SW 18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134203 — **Prep Batch: 134312**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08752		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.08166		mg/Kg		82	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08733		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1685		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U	0.100	0.08173		mg/Kg		82	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: 890-9613-1 MSD — **Client Sample ID: SW 18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134203 — **Prep Batch: 134312**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08969		mg/Kg		90	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08172		mg/Kg		82	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.08948		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1708		mg/Kg		85	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08336		mg/Kg		83	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-134168/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134661 — **Prep Batch: 134168**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 01:13	1

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-134168/1-A
Matrix: Solid
Analysis Batch: 134661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134168

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 01:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 20:07	03/13/26 01:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*03/08/26 20:07*	*03/13/26 01:13*	*1*
o-Terphenyl	*123*		*70 - 130*	*03/08/26 20:07*	*03/13/26 01:13*	*1*

Lab Sample ID: LCS 880-134168/2-A
Matrix: Solid
Analysis Batch: 134661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1046		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1023		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: LCSD 880-134168/3-A
Matrix: Solid
Analysis Batch: 134661

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1126		mg/Kg		113	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	997.7		mg/Kg		100	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: 890-9611-A-15-B MS
Matrix: Solid
Analysis Batch: 134661

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1271		mg/Kg		126	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1165		mg/Kg		117	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*58*	*S1-*	*70 - 130*
o-Terphenyl	*110*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9611-A-15-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134661 — **Prep Batch: 134168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1245		mg/Kg		123	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1168		mg/Kg		117	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*57*	*S1-*	*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: MB 880-134169/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134665 — **Prep Batch: 134169**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 20:10	03/12/26 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 20:10	03/12/26 18:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 20:10	03/12/26 18:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*03/08/26 20:10*	*03/12/26 18:24*	*1*
o-Terphenyl	*81*		*70 - 130*	*03/08/26 20:10*	*03/12/26 18:24*	*1*

Lab Sample ID: MB 880-134169/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134911 — **Prep Batch: 134169**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 20:10	03/15/26 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 20:10	03/15/26 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 20:10	03/15/26 16:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*37*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/15/26 16:48*	*1*
o-Terphenyl	*38*	*S1-*	*70 - 130*	*03/08/26 20:10*	*03/15/26 16:48*	*1*

Lab Sample ID: LCS 880-134169/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134665 — **Prep Batch: 134169**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	971.6		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	902.3		mg/Kg		90	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-134169/2-A
Matrix: Solid
Analysis Batch: 134665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134169

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	70		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCS 880-134169/2-A
Matrix: Solid
Analysis Batch: 134911

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134169

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1003		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	915.9		mg/Kg		92	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: LCSD 880-134169/3-A
Matrix: Solid
Analysis Batch: 134665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134169

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	995.2		mg/Kg		100	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	907.3		mg/Kg		91	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	65	S1-	70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: LCSD 880-134169/3-A
Matrix: Solid
Analysis Batch: 134911

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134169

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1207		mg/Kg		121	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	1090		mg/Kg		109	70 - 130	17	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	116		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9613-13 MS
Matrix: Solid
Analysis Batch: 134665

Client Sample ID: FS 27A
Prep Type: Total/NA
Prep Batch: 134169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	999	866.4		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<50.5	U	999	771.4		mg/Kg		77	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*59*	*S1-*	*70 - 130*
o-Terphenyl	*97*		*70 - 130*

Lab Sample ID: 890-9613-13 MS
Matrix: Solid
Analysis Batch: 134911

Client Sample ID: FS 27A
Prep Type: Total/NA
Prep Batch: 134169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.5	U F1	999	1331	F1	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	<50.5	U	999	1253		mg/Kg		125	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*154*	*S1+*	*70 - 130*

Lab Sample ID: 890-9613-13 MSD
Matrix: Solid
Analysis Batch: 134665

Client Sample ID: FS 27A
Prep Type: Total/NA
Prep Batch: 134169

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	999	854.0		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.5	U	999	752.3		mg/Kg		75	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*58*	*S1-*	*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: 890-9613-13 MSD
Matrix: Solid
Analysis Batch: 134911

Client Sample ID: FS 27A
Prep Type: Total/NA
Prep Batch: 134169

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.5	U F1	999	1137		mg/Kg		114	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.5	U	999	1057		mg/Kg		106	70 - 130	17	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*82*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9613-13 MSD
Matrix: Solid
Analysis Batch: 134911

Client Sample ID: FS 27A
Prep Type: Total/NA
Prep Batch: 134169

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	130		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134379/1-A
Matrix: Solid
Analysis Batch: 134401

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/10/26 11:39	1

Lab Sample ID: LCS 880-134379/2-A
Matrix: Solid
Analysis Batch: 134401

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.6		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-134379/3-A
Matrix: Solid
Analysis Batch: 134401

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.0		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-69355-A-5-B MS
Matrix: Solid
Analysis Batch: 134401

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	27.6		249	275.4		mg/Kg		100	90 - 110		

Lab Sample ID: 880-69355-A-5-C MSD
Matrix: Solid
Analysis Batch: 134401

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.6		249	275.6		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-134352/1-A
Matrix: Solid
Analysis Batch: 134495

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/10/26 18:31	1

QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-134352/2-A
Matrix: Solid
Analysis Batch: 134495

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.6		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-134352/3-A
Matrix: Solid
Analysis Batch: 134495

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	241.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9613-6 MS
Matrix: Solid
Analysis Batch: 134495

Client Sample ID: SW 21
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	59.9		250	310.9		mg/Kg		100	90 - 110		

Lab Sample ID: 890-9613-6 MSD
Matrix: Solid
Analysis Batch: 134495

Client Sample ID: SW 21
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	59.9		250	311.1		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

GC VOA

Analysis Batch: 134203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Total/NA	Solid	8021B	134312
890-9613-2	SW 19	Total/NA	Solid	8021B	134312
890-9613-3	CS 14A	Total/NA	Solid	8021B	134312
890-9613-4	FS 76	Total/NA	Solid	8021B	134312
890-9613-5	FS 77	Total/NA	Solid	8021B	134312
890-9613-6	SW 21	Total/NA	Solid	8021B	134312
890-9613-7	SW 22	Total/NA	Solid	8021B	134312
890-9613-8	SW 23	Total/NA	Solid	8021B	134312
890-9613-9	CS 07A	Total/NA	Solid	8021B	134312
890-9613-10	CS 08A	Total/NA	Solid	8021B	134312
890-9613-11	FS 23A	Total/NA	Solid	8021B	134312
890-9613-12	FS 26A	Total/NA	Solid	8021B	134312
890-9613-13	FS 27A	Total/NA	Solid	8021B	134312
890-9613-14	FS 41A	Total/NA	Solid	8021B	134312
890-9613-15	SW 24	Total/NA	Solid	8021B	134312
890-9613-16	SW 25	Total/NA	Solid	8021B	134312
890-9613-17	SW 26	Total/NA	Solid	8021B	134312
890-9613-18	SW 20	Total/NA	Solid	8021B	134312
MB 880-134252/5-A	Method Blank	Total/NA	Solid	8021B	134252
MB 880-134312/5-A	Method Blank	Total/NA	Solid	8021B	134312
LCS 880-134312/1-A	Lab Control Sample	Total/NA	Solid	8021B	134312
LCSD 880-134312/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134312
890-9613-1 MS	SW 18	Total/NA	Solid	8021B	134312
890-9613-1 MSD	SW 18	Total/NA	Solid	8021B	134312

Prep Batch: 134252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-134252/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 134312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Total/NA	Solid	5035	
890-9613-2	SW 19	Total/NA	Solid	5035	
890-9613-3	CS 14A	Total/NA	Solid	5035	
890-9613-4	FS 76	Total/NA	Solid	5035	
890-9613-5	FS 77	Total/NA	Solid	5035	
890-9613-6	SW 21	Total/NA	Solid	5035	
890-9613-7	SW 22	Total/NA	Solid	5035	
890-9613-8	SW 23	Total/NA	Solid	5035	
890-9613-9	CS 07A	Total/NA	Solid	5035	
890-9613-10	CS 08A	Total/NA	Solid	5035	
890-9613-11	FS 23A	Total/NA	Solid	5035	
890-9613-12	FS 26A	Total/NA	Solid	5035	
890-9613-13	FS 27A	Total/NA	Solid	5035	
890-9613-14	FS 41A	Total/NA	Solid	5035	
890-9613-15	SW 24	Total/NA	Solid	5035	
890-9613-16	SW 25	Total/NA	Solid	5035	
890-9613-17	SW 26	Total/NA	Solid	5035	
890-9613-18	SW 20	Total/NA	Solid	5035	
MB 880-134312/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134312/1-A	Lab Control Sample	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

GC VOA (Continued)

Prep Batch: 134312 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-134312/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9613-1 MS	SW 18	Total/NA	Solid	5035	
890-9613-1 MSD	SW 18	Total/NA	Solid	5035	

Analysis Batch: 134468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Total/NA	Solid	Total BTEX	
890-9613-2	SW 19	Total/NA	Solid	Total BTEX	
890-9613-3	CS 14A	Total/NA	Solid	Total BTEX	
890-9613-4	FS 76	Total/NA	Solid	Total BTEX	
890-9613-5	FS 77	Total/NA	Solid	Total BTEX	
890-9613-6	SW 21	Total/NA	Solid	Total BTEX	
890-9613-7	SW 22	Total/NA	Solid	Total BTEX	
890-9613-8	SW 23	Total/NA	Solid	Total BTEX	
890-9613-9	CS 07A	Total/NA	Solid	Total BTEX	
890-9613-10	CS 08A	Total/NA	Solid	Total BTEX	
890-9613-11	FS 23A	Total/NA	Solid	Total BTEX	
890-9613-12	FS 26A	Total/NA	Solid	Total BTEX	
890-9613-13	FS 27A	Total/NA	Solid	Total BTEX	
890-9613-14	FS 41A	Total/NA	Solid	Total BTEX	
890-9613-15	SW 24	Total/NA	Solid	Total BTEX	
890-9613-16	SW 25	Total/NA	Solid	Total BTEX	
890-9613-17	SW 26	Total/NA	Solid	Total BTEX	
890-9613-18	SW 20	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 134168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Total/NA	Solid	8015NM Prep	
890-9613-2	SW 19	Total/NA	Solid	8015NM Prep	
890-9613-3	CS 14A	Total/NA	Solid	8015NM Prep	
890-9613-4	FS 76	Total/NA	Solid	8015NM Prep	
890-9613-5	FS 77	Total/NA	Solid	8015NM Prep	
890-9613-6	SW 21	Total/NA	Solid	8015NM Prep	
890-9613-7	SW 22	Total/NA	Solid	8015NM Prep	
890-9613-8	SW 23	Total/NA	Solid	8015NM Prep	
890-9613-9	CS 07A	Total/NA	Solid	8015NM Prep	
890-9613-10	CS 08A	Total/NA	Solid	8015NM Prep	
890-9613-11	FS 23A	Total/NA	Solid	8015NM Prep	
890-9613-12	FS 26A	Total/NA	Solid	8015NM Prep	
MB 880-134168/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134168/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9611-A-15-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9611-A-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 134169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-13	FS 27A	Total/NA	Solid	8015NM Prep	
890-9613-14	FS 41A	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

GC Semi VOA (Continued)

Prep Batch: 134169 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-15	SW 24	Total/NA	Solid	8015NM Prep	
890-9613-16	SW 25	Total/NA	Solid	8015NM Prep	
890-9613-17	SW 26	Total/NA	Solid	8015NM Prep	
890-9613-18	SW 20	Total/NA	Solid	8015NM Prep	
MB 880-134169/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134169/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134169/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9613-13 MS	FS 27A	Total/NA	Solid	8015NM Prep	
890-9613-13 MSD	FS 27A	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Total/NA	Solid	8015B NM	134168
890-9613-2	SW 19	Total/NA	Solid	8015B NM	134168
890-9613-3	CS 14A	Total/NA	Solid	8015B NM	134168
890-9613-4	FS 76	Total/NA	Solid	8015B NM	134168
890-9613-5	FS 77	Total/NA	Solid	8015B NM	134168
890-9613-6	SW 21	Total/NA	Solid	8015B NM	134168
890-9613-7	SW 22	Total/NA	Solid	8015B NM	134168
890-9613-8	SW 23	Total/NA	Solid	8015B NM	134168
890-9613-9	CS 07A	Total/NA	Solid	8015B NM	134168
890-9613-10	CS 08A	Total/NA	Solid	8015B NM	134168
890-9613-11	FS 23A	Total/NA	Solid	8015B NM	134168
890-9613-12	FS 26A	Total/NA	Solid	8015B NM	134168
MB 880-134168/1-A	Method Blank	Total/NA	Solid	8015B NM	134168
LCS 880-134168/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134168
LCSD 880-134168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134168
890-9611-A-15-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134168
890-9611-A-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134168

Analysis Batch: 134665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-13	FS 27A	Total/NA	Solid	8015B NM	134169
890-9613-14	FS 41A	Total/NA	Solid	8015B NM	134169
MB 880-134169/1-A	Method Blank	Total/NA	Solid	8015B NM	134169
LCS 880-134169/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134169
LCSD 880-134169/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134169
890-9613-13 MS	FS 27A	Total/NA	Solid	8015B NM	134169
890-9613-13 MSD	FS 27A	Total/NA	Solid	8015B NM	134169

Analysis Batch: 134732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Total/NA	Solid	8015 NM	
890-9613-2	SW 19	Total/NA	Solid	8015 NM	
890-9613-3	CS 14A	Total/NA	Solid	8015 NM	
890-9613-4	FS 76	Total/NA	Solid	8015 NM	
890-9613-5	FS 77	Total/NA	Solid	8015 NM	
890-9613-6	SW 21	Total/NA	Solid	8015 NM	
890-9613-7	SW 22	Total/NA	Solid	8015 NM	
890-9613-8	SW 23	Total/NA	Solid	8015 NM	
890-9613-9	CS 07A	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

GC Semi VOA (Continued)

Analysis Batch: 134732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-10	CS 08A	Total/NA	Solid	8015 NM	
890-9613-11	FS 23A	Total/NA	Solid	8015 NM	
890-9613-12	FS 26A	Total/NA	Solid	8015 NM	
890-9613-13	FS 27A	Total/NA	Solid	8015 NM	
890-9613-14	FS 41A	Total/NA	Solid	8015 NM	
890-9613-15	SW 24	Total/NA	Solid	8015 NM	
890-9613-16	SW 25	Total/NA	Solid	8015 NM	
890-9613-17	SW 26	Total/NA	Solid	8015 NM	
890-9613-18	SW 20	Total/NA	Solid	8015 NM	

Analysis Batch: 134911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-15	SW 24	Total/NA	Solid	8015B NM	134169
890-9613-16	SW 25	Total/NA	Solid	8015B NM	134169
890-9613-17	SW 26	Total/NA	Solid	8015B NM	134169
890-9613-18	SW 20	Total/NA	Solid	8015B NM	134169
MB 880-134169/1-A	Method Blank	Total/NA	Solid	8015B NM	134169
LCS 880-134169/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134169
LCSD 880-134169/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134169
890-9613-13 MS	FS 27A	Total/NA	Solid	8015B NM	134169
890-9613-13 MSD	FS 27A	Total/NA	Solid	8015B NM	134169

HPLC/IC

Leach Batch: 134352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Soluble	Solid	DI Leach	
890-9613-2	SW 19	Soluble	Solid	DI Leach	
890-9613-3	CS 14A	Soluble	Solid	DI Leach	
890-9613-4	FS 76	Soluble	Solid	DI Leach	
890-9613-5	FS 77	Soluble	Solid	DI Leach	
890-9613-6	SW 21	Soluble	Solid	DI Leach	
890-9613-7	SW 22	Soluble	Solid	DI Leach	
890-9613-8	SW 23	Soluble	Solid	DI Leach	
890-9613-9	CS 07A	Soluble	Solid	DI Leach	
890-9613-10	CS 08A	Soluble	Solid	DI Leach	
890-9613-11	FS 23A	Soluble	Solid	DI Leach	
890-9613-12	FS 26A	Soluble	Solid	DI Leach	
890-9613-13	FS 27A	Soluble	Solid	DI Leach	
890-9613-14	FS 41A	Soluble	Solid	DI Leach	
890-9613-15	SW 24	Soluble	Solid	DI Leach	
MB 880-134352/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134352/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134352/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9613-6 MS	SW 21	Soluble	Solid	DI Leach	
890-9613-6 MSD	SW 21	Soluble	Solid	DI Leach	

Leach Batch: 134379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-16	SW 25	Soluble	Solid	DI Leach	
890-9613-17	SW 26	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

HPLC/IC (Continued)

Leach Batch: 134379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-18	SW 20	Soluble	Solid	DI Leach	
MB 880-134379/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134379/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134379/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-69355-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-69355-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 134401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-16	SW 25	Soluble	Solid	300.0	134379
890-9613-17	SW 26	Soluble	Solid	300.0	134379
890-9613-18	SW 20	Soluble	Solid	300.0	134379
MB 880-134379/1-A	Method Blank	Soluble	Solid	300.0	134379
LCS 880-134379/2-A	Lab Control Sample	Soluble	Solid	300.0	134379
LCSD 880-134379/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134379
880-69355-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	134379
880-69355-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134379

Analysis Batch: 134495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9613-1	SW 18	Soluble	Solid	300.0	134352
890-9613-2	SW 19	Soluble	Solid	300.0	134352
890-9613-3	CS 14A	Soluble	Solid	300.0	134352
890-9613-4	FS 76	Soluble	Solid	300.0	134352
890-9613-5	FS 77	Soluble	Solid	300.0	134352
890-9613-6	SW 21	Soluble	Solid	300.0	134352
890-9613-7	SW 22	Soluble	Solid	300.0	134352
890-9613-8	SW 23	Soluble	Solid	300.0	134352
890-9613-9	CS 07A	Soluble	Solid	300.0	134352
890-9613-10	CS 08A	Soluble	Solid	300.0	134352
890-9613-11	FS 23A	Soluble	Solid	300.0	134352
890-9613-12	FS 26A	Soluble	Solid	300.0	134352
890-9613-13	FS 27A	Soluble	Solid	300.0	134352
890-9613-14	FS 41A	Soluble	Solid	300.0	134352
890-9613-15	SW 24	Soluble	Solid	300.0	134352
MB 880-134352/1-A	Method Blank	Soluble	Solid	300.0	134352
LCS 880-134352/2-A	Lab Control Sample	Soluble	Solid	300.0	134352
LCSD 880-134352/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134352
890-9613-6 MS	SW 21	Soluble	Solid	300.0	134352
890-9613-6 MSD	SW 21	Soluble	Solid	300.0	134352

Lab Chronicle

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 18
Date Collected: 03/06/26 08:42
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 01:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 04:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 04:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 19:29	SMC	EET MID

Client Sample ID: SW 19
Date Collected: 03/06/26 08:45
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 01:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 05:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 05:01	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 19:34	SMC	EET MID

Client Sample ID: CS 14A
Date Collected: 03/06/26 08:48
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 01:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 05:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 05:31	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 19:39	SMC	EET MID

Client Sample ID: FS 76
Date Collected: 03/06/26 08:52
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 02:04	SA	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 76
Date Collected: 03/06/26 08:52
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			134732	03/13/26 05:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 05:45	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 19:44	SMC	EET MID

Client Sample ID: FS 77
Date Collected: 03/06/26 08:54
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 02:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 06:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 06:00	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 19:49	SMC	EET MID

Client Sample ID: SW 21
Date Collected: 03/06/26 10:01
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 02:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 06:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 06:16	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 19:53	SMC	EET MID

Client Sample ID: SW 22
Date Collected: 03/06/26 09:58
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 03:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 03:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 06:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 06:31	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 22
Date Collected: 03/06/26 09:58
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:08	SMC	EET MID

Client Sample ID: SW 23
Date Collected: 03/06/26 09:56
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 03:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 06:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 06:46	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:13	SMC	EET MID

Client Sample ID: CS 07A
Date Collected: 03/06/26 11:45
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 03:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 03:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 07:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 07:01	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:27	SMC	EET MID

Client Sample ID: CS 08A
Date Collected: 03/06/26 11:48
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 04:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 04:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 07:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 07:17	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:32	SMC	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 23A
Date Collected: 03/06/26 11:36
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 05:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 05:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 07:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 07:31	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:37	SMC	EET MID

Client Sample ID: FS 26A
Date Collected: 03/06/26 11:39
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 05:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/13/26 07:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134168	03/08/26 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134661	03/13/26 07:46	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:42	SMC	EET MID

Client Sample ID: FS 27A
Date Collected: 03/06/26 11:42
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 06:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 06:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/12/26 19:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	134169	03/08/26 20:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134665	03/12/26 19:08	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:47	SMC	EET MID

Client Sample ID: FS 41A
Date Collected: 03/06/26 11:50
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 06:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 06:34	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: FS 41A
Date Collected: 03/06/26 11:50
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			134732	03/12/26 19:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134169	03/08/26 20:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134665	03/12/26 19:50	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:52	SMC	EET MID

Client Sample ID: SW 24
Date Collected: 03/06/26 12:00
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 06:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 06:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/15/26 21:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134169	03/08/26 20:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134911	03/15/26 21:10	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134352	03/09/26 16:56	SA	EET MID
Soluble	Analysis	300.0		1			134495	03/10/26 20:56	SMC	EET MID

Client Sample ID: SW 25
Date Collected: 03/06/26 11:57
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 07:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 07:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/15/26 21:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134169	03/08/26 20:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134911	03/15/26 21:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134379	03/10/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			134401	03/10/26 14:05	SMC	EET MID

Client Sample ID: SW 26
Date Collected: 03/06/26 11:54
Date Received: 03/06/26 15:23

Lab Sample ID: 890-9613-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 07:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 07:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/15/26 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	134169	03/08/26 20:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134911	03/15/26 21:38	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Client Sample ID: SW 26

Lab Sample ID: 890-9613-17
Matrix: Solid
Date Collected: 03/06/26 11:54
Date Received: 03/06/26 15:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	134379	03/10/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			134401	03/10/26 14:11	SMC	EET MID

Client Sample ID: SW 20

Lab Sample ID: 890-9613-18
Matrix: Solid
Date Collected: 03/06/26 12:55
Date Received: 03/06/26 15:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134312	03/09/26 15:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134203	03/10/26 07:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134468	03/10/26 07:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			134732	03/15/26 21:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	134169	03/08/26 20:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134911	03/15/26 21:52	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134379	03/10/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			134401	03/10/26 14:16	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704400. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 30 - 19 154H

Job ID: 890-9613-1
SDG: 03C1558583

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9613-1	SW 18	Solid	03/06/26 08:42	03/06/26 15:23	1-2
890-9613-2	SW 19	Solid	03/06/26 08:45	03/06/26 15:23	0-2'
890-9613-3	CS 14A	Solid	03/06/26 08:48	03/06/26 15:23	2'
890-9613-4	FS 76	Solid	03/06/26 08:52	03/06/26 15:23	2'
890-9613-5	FS 77	Solid	03/06/26 08:54	03/06/26 15:23	2'
890-9613-6	SW 21	Solid	03/06/26 10:01	03/06/26 15:23	0-2'
890-9613-7	SW 22	Solid	03/06/26 09:58	03/06/26 15:23	1-2
890-9613-8	SW 23	Solid	03/06/26 09:56	03/06/26 15:23	1-2
890-9613-9	CS 07A	Solid	03/06/26 11:45	03/06/26 15:23	2'
890-9613-10	CS 08A	Solid	03/06/26 11:48	03/06/26 15:23	2'
890-9613-11	FS 23A	Solid	03/06/26 11:36	03/06/26 15:23	2'
890-9613-12	FS 26A	Solid	03/06/26 11:39	03/06/26 15:23	2'
890-9613-13	FS 27A	Solid	03/06/26 11:42	03/06/26 15:23	2'
890-9613-14	FS 41A	Solid	03/06/26 11:50	03/06/26 15:23	2'
890-9613-15	SW 24	Solid	03/06/26 12:00	03/06/26 15:23	2'
890-9613-16	SW 25	Solid	03/06/26 11:57	03/06/26 15:23	0-2'
890-9613-17	SW 26	Solid	03/06/26 11:54	03/06/26 15:23	0-2'
890-9613-18	SW 20	Solid	03/06/26 12:55	03/06/26 15:23	0-2'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 2

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy	Address:	3104 E. Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 882
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ens

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
PT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☒ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:		Inmon
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		5.8
Total Containers:		Corrected Temperature:		5.6

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides	TPH	BTEX	Sample Comments
SW18 TH	S	3/6/26	0842	0-2'	C	1		✓	✓	✓	nAPP2434530896
SW19			0845	0-2'							CC: 225891001
CS14A			0848	2'							GFCM: 4860500D
FS76			0852	2'							
FS77			0854	2'							Add Emails:
SW21			1001	0-2'							kthomason@ensolum.com
SW22 TH			0958	0-2'							richard.katzer@exxonmobil.com
SW23 TH			0956	0-2'							jrios@ensolum.com
CS07A			1145	2'							
CS08A	S	3/6/26	1148	2'	C	1		✓	✓	✓	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

890-9613 Chain of Custody

Received by OCD: 6/8/2026 4:15:53 PM
3/16/2026
6/8/2026 (Rev. 1)
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Released to Imaging: 6/30/2026 3:18:08 PM

Released to Imaging: 6/30/2026 3:18:08 PM
Received by OCD: 6/8/2026 4:15:53 PM

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Chain of Custody

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Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 2

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy	Address:	3104 E. Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 882
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensl

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
PT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☑ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:		Thmo7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		5.8
Total Containers:		Corrected Temperature:		5.6

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides	TPH	BTEX	Sample Comments
SW18	S	3/6/26	0842	0-2'	C	1	✓	✓	✓	nAPP2434530896
SW19			0845	0-2'						cc:225891001
CS14A			0848	2'						GFCM: 48605000
FS76			0852	2'						
FS77			0854	2'						Add Emails:
SW21			1001	0-2'						kthomason@ensolum.com
SW22			0958	0-2'						richard.kotzur@exxonmobil.com
SW23			0956	0-2'						jpr.os@ensolum.com
CS07A			1145	2'						
CS08A	S	3/6/26	1148	2'	C	1	✓	✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/6 1523	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

890-9613 Chain of Custody

Released to Imaging: 6/30/2026 3:18:08 PM
Received by OCD: 6/8/2026 4:15:53 PM

eurofins | Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 2

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy	Address:	3104 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☑ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Inmec
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.8
Total Containers:		Corrected Temperature:	5.6

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chlorides	TPH	BTEX	Sample Comments
FS23A	S	3/6/26	1136	2'	C	1		✓	✓	✓	nAPP2434530896
FS26A			1134	2'							cc:225891001
FS27A			1142	2'							GFC/M: 48605000
FS41A			1150	2'							
SW24			1200	2'							Add Emails:
SW25			1157	0-2'							kthomason@ensolum.com
SW26			1154	0-2'							richard.katzer@exxonmobil.com
SW20	S	3/6/26	1255	0-2'	C	1		✓	✓	✓	jpr.os@ensolum.com

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/6 1523	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6634.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9613-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/12/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: POKER LAKE UNIT 30 - 19 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH/Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW 18 (890-9613-1)	3/6/26	08:42 Mountain	G	Solid			X	X	X	X	X	1	
SW 19 (890-9613-2)	3/6/26	08:45 Mountain	G	Solid			X	X	X	X	X	1	
CS 14A (890-9613-3)	3/6/26	08:48 Mountain	G	Solid			X	X	X	X	X	1	
FS 76 (890-9613-4)	3/6/26	08:52 Mountain	G	Solid			X	X	X	X	X	1	
FS 77 (890-9613-5)	3/6/26	08:54 Mountain	G	Solid			X	X	X	X	X	1	
SW 21 (890-9613-6)	3/6/26	10:01 Mountain	G	Solid			X	X	X	X	X	1	
SW 22 (890-9613-7)	3/6/26	09:58 Mountain	G	Solid			X	X	X	X	X	1	
SW 23 (890-9613-8)	3/6/26	09:56 Mountain	G	Solid			X	X	X	X	X	1	
CS 07A (890-9613-9)	3/6/26	11:45 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3/6 1630			3-9-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

6/8/2026 (Rev. 1)
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Released to Imaging: 6/30/2026 3:18:08 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6634.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9613-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/12/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: POKER LAKE UNIT 30 - 19 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH/Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
CS 08A (890-9613-10)	3/6/26	11:48 Mountain	G	Solid			X	X	X	X	X								1	
FS 23A (890-9613-11)	3/6/26	11:36 Mountain	G	Solid			X	X	X	X	X								1	
FS 26A (890-9613-12)	3/6/26	11:39 Mountain	G	Solid			X	X	X	X	X								1	
FS 27A (890-9613-13)	3/6/26	11:42 Mountain	G	Solid			X	X	X	X	X								1	
FS 41A (890-9613-14)	3/6/26	11:50 Mountain	G	Solid			X	X	X	X	X								1	
SW 24 (890-9613-15)	3/6/26	12:00 Mountain	G	Solid			X	X	X	X	X								1	
SW 25 (890-9613-16)	3/6/26	11:57 Mountain	G	Solid			X	X	X	X	X								1	
SW 26 (890-9613-17)	3/6/26	11:54 Mountain	G	Solid			X	X	X	X	X								1	
SW 20 (890-9613-18)	3/6/26	12:55 Mountain	G	Solid			X	X	X	X	X								1	

Note. Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	3/6 1630		[signature]	3.9.26 800	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

6/8/2026 (Rev. 1)
Received by OCD: 6/8/2026 4:15:53 PM
Released to Imaging: 6/30/2026 3:18:08 PM

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9613-1
SDG Number: 03C1558583

Login Number: 9613
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9613-1
SDG Number: 03C1558583

Login Number: 9613
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 03/08/26 02:58 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 6/8/2026 1:10:25 PM Revision 1

JOB DESCRIPTION

Poker Lake Unit 30-19 154H
03C1558583

JOB NUMBER

890-9619-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/30/2026 3:18:08 PM

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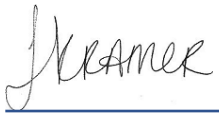
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/8/2026 1:10:25 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Laboratory Job ID: 890-9619-1
SDG: 03C1558583

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Sample Summary 41
Chain of Custody 42
Receipt Checklists 47

Definitions/Glossary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-9619-1
Project: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1 Eurofins Carlsbad

Job Narrative
890-9619-1

REVISION

The report being provided is a revision of the original report sent on 3/19/2026. The report (revision 1) is being revised due to Per client email, requesting sample depth corrections.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/10/2026 8:06 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: FS78A (890-9619-1), FS54A (890-9619-2), CS120A (890-9619-3), SW30 (890-9619-4), FS02A (890-9619-5), FS03A (890-9619-6), FS04A (890-9619-7), FS05A (890-9619-8), CS04A (890-9619-9), SW31 (890-9619-10), SW32 (890-9619-11) and SW29 (890-9619-12).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS04A (890-9619-9), SW31 (890-9619-10), SW32 (890-9619-11), SW29 (890-9619-12) and (880-69425-A-3-E). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-134650 and analytical batch 880-134654 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: FS05A (890-9619-8). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW30 (890-9619-4), (CCV 880-135362/2), (LCS 880-135395/1-A), (890-9670-A-1-E) and (890-9670-A-1-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-135362/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-134406/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (890-9616-A-1-B MS) and (890-9616-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW30 (890-9619-4). Evidence of

Case Narrative

Client: Ensolum Job ID: 890-9619-1
Project: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1 (Continued) Eurofins Carlsbad

matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS78A

Date Collected: 03/09/26 10:15
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/11/26 10:43	03/12/26 04:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/26 10:43	03/12/26 04:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/26 10:43	03/12/26 04:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/11/26 10:43	03/12/26 04:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/26 10:43	03/12/26 04:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/26 10:43	03/12/26 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/11/26 10:43*	*03/12/26 04:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/11/26 10:43*	*03/12/26 04:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/12/26 04:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**95.0**		50.0		mg/Kg			03/16/26 07:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 07:05	1
Diesel Range Organics (Over C10-C28)	**95.0**		50.0		mg/Kg		03/10/26 09:38	03/16/26 07:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:05*	*1*
o-Terphenyl	*124*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4570**		99.8		mg/Kg			03/12/26 15:51	10

Client Sample ID: FS54A

Date Collected: 03/09/26 11:05
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/11/26 10:43	03/12/26 04:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/26 10:43	03/12/26 04:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/26 10:43	03/12/26 04:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/11/26 10:43	03/12/26 04:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/11/26 10:43	03/12/26 04:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/11/26 10:43	03/12/26 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/11/26 10:43*	*03/12/26 04:44*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS54A

Date Collected: 03/09/26 11:05
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/11/26 10:43*	*03/12/26 04:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/12/26 04:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/16/26 07:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/10/26 09:38	03/16/26 07:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/10/26 09:38	03/16/26 07:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/10/26 09:38	03/16/26 07:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:20*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		9.96	mg/Kg			03/12/26 15:56	1

Client Sample ID: CS120A

Date Collected: 03/09/26 11:10
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/11/26 10:43	03/12/26 05:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/11/26 10:43	03/12/26 05:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/11/26 10:43	03/12/26 05:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/11/26 10:43	03/12/26 05:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/11/26 10:43	03/12/26 05:04	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/11/26 10:43	03/12/26 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/11/26 10:43*	*03/12/26 05:04*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/11/26 10:43*	*03/12/26 05:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/12/26 05:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/16/26 07:35	1

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Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: CS120A

Lab Sample ID: 890-9619-3
Matrix: Solid
Date Collected: 03/09/26 11:10
Date Received: 03/10/26 08:06
Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 07:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 07:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 07:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:35*	*1*
o-Terphenyl	*114*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**374**		50.1		mg/Kg			03/12/26 15:41	5

Client Sample ID: SW30

Lab Sample ID: 890-9619-4
Matrix: Solid
Date Collected: 03/09/26 13:25
Date Received: 03/10/26 08:06
Sample Depth: 1-2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/19/26 11:33	03/19/26 12:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/19/26 11:33	03/19/26 12:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/19/26 11:33	03/19/26 12:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/19/26 11:33	03/19/26 12:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/19/26 11:33	03/19/26 12:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/19/26 11:33	03/19/26 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*03/19/26 11:33*	*03/19/26 12:46*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/19/26 11:33*	*03/19/26 12:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/19/26 12:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**125**		49.9		mg/Kg			03/16/26 07:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/10/26 09:38	03/16/26 07:49	1
Diesel Range Organics (Over C10-C28)	**125**		49.9		mg/Kg		03/10/26 09:38	03/16/26 07:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/26 09:38	03/16/26 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*03/10/26 09:38*	*03/16/26 07:49*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*03/10/26 09:38*	*03/16/26 07:49*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: SW30

Date Collected: 03/09/26 13:25
Date Received: 03/10/26 08:06
Sample Depth: 1-2

Lab Sample ID: 890-9619-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.5**		10.1		mg/Kg			03/12/26 10:17	1

Client Sample ID: FS02A

Date Collected: 03/09/26 14:12
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/12/26 08:06	03/12/26 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/12/26 08:06	03/12/26 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/12/26 08:06	03/12/26 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/12/26 08:06	03/12/26 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/12/26 08:06	03/12/26 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/12/26 08:06	03/12/26 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*03/12/26 08:06*	*03/12/26 13:11*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*03/12/26 08:06*	*03/12/26 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/12/26 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**76.2**		50.2		mg/Kg			03/16/26 08:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/10/26 09:38	03/16/26 08:04	1
Diesel Range Organics (Over C10-C28)	**76.2**		50.2		mg/Kg		03/10/26 09:38	03/16/26 08:04	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/10/26 09:38	03/16/26 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*03/10/26 09:38*	*03/16/26 08:04*	*1*
o-Terphenyl	*119*		*70 - 130*	*03/10/26 09:38*	*03/16/26 08:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.9**		10.0		mg/Kg			03/12/26 10:37	1

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS03A

Date Collected: 03/09/26 14:14
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/12/26 08:06	03/12/26 13:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/12/26 08:06	03/12/26 13:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/12/26 08:06	03/12/26 13:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/12/26 08:06	03/12/26 13:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/12/26 08:06	03/12/26 13:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/12/26 08:06	03/12/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/12/26 08:06*	*03/12/26 13:32*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*03/12/26 08:06*	*03/12/26 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/12/26 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**186**		49.9		mg/Kg			03/17/26 00:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 00:36	1
Diesel Range Organics (Over C10-C28)	**186**		49.9		mg/Kg		03/11/26 09:14	03/17/26 00:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/11/26 09:14*	*03/17/26 00:36*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/11/26 09:14*	*03/17/26 00:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.0**		9.92		mg/Kg			03/12/26 10:44	1

Client Sample ID: FS04A

Date Collected: 03/09/26 14:16
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 13:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 13:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 13:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/12/26 08:06	03/12/26 13:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 13:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/12/26 08:06	03/12/26 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*03/12/26 08:06*	*03/12/26 13:52*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS04A
Date Collected: 03/09/26 14:16
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/12/26 08:06*	*03/12/26 13:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/12/26 13:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/17/26 01:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/11/26 09:14	03/17/26 01:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/11/26 09:14	03/17/26 01:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/11/26 09:14	03/17/26 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*03/11/26 09:14*	*03/17/26 01:18*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/11/26 09:14*	*03/17/26 01:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			03/12/26 10:50	1

Client Sample ID: FS05A
Date Collected: 03/09/26 14:17
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/12/26 08:06	03/12/26 14:13	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/12/26 08:06	03/12/26 14:13	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/12/26 08:06	03/12/26 14:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/12/26 08:06	03/12/26 14:13	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/12/26 08:06	03/12/26 14:13	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/12/26 08:06	03/12/26 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*41*	*S1-*	*70 - 130*	*03/12/26 08:06*	*03/12/26 14:13*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/12/26 08:06*	*03/12/26 14:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/12/26 14:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.6**		49.9	mg/Kg			03/17/26 01:33	1

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Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS05A
Date Collected: 03/09/26 14:17
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 01:33	1
Diesel Range Organics (Over C10-C28)	**55.6**		49.9		mg/Kg		03/11/26 09:14	03/17/26 01:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*03/11/26 09:14*	*03/17/26 01:33*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/11/26 09:14*	*03/17/26 01:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.0**		9.98		mg/Kg			03/12/26 10:57	1

Client Sample ID: CS04A
Date Collected: 03/09/26 14:19
Date Received: 03/10/26 08:06
Sample Depth: 2

Lab Sample ID: 890-9619-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 19:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/11/26 09:32	03/11/26 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 19:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/11/26 09:32	03/11/26 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*03/11/26 09:32*	*03/11/26 19:26*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/11/26 09:32*	*03/11/26 19:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/11/26 19:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**399**		50.2		mg/Kg			03/17/26 01:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 01:46	1
Diesel Range Organics (Over C10-C28)	**399**		50.2		mg/Kg		03/11/26 09:14	03/17/26 01:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*03/11/26 09:14*	*03/17/26 01:46*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/11/26 09:14*	*03/17/26 01:46*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: CS04A

Lab Sample ID: 890-9619-9
Matrix: Solid
Date Collected: 03/09/26 14:19
Date Received: 03/10/26 08:06
Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.9		9.92		mg/Kg			03/12/26 11:17	1

Client Sample ID: SW31

Lab Sample ID: 890-9619-10
Matrix: Solid
Date Collected: 03/09/26 15:35
Date Received: 03/10/26 08:06
Sample Depth: 0-2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/11/26 09:32	03/11/26 19:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/26 09:32	03/11/26 19:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/26 09:32	03/11/26 19:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/11/26 09:32	03/11/26 19:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/26 09:32	03/11/26 19:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/26 09:32	03/11/26 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*03/11/26 09:32*	*03/11/26 19:47*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/11/26 09:32*	*03/11/26 19:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/11/26 19:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/17/26 02:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 02:01	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 02:01	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/11/26 09:14*	*03/17/26 02:01*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/11/26 09:14*	*03/17/26 02:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.2		10.0		mg/Kg			03/12/26 11:24	1

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: SW32

Date Collected: 03/09/26 15:32
Date Received: 03/10/26 08:06
Sample Depth: 0-2

Lab Sample ID: 890-9619-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/11/26 09:32	03/11/26 20:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/26 09:32	03/11/26 20:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/26 09:32	03/11/26 20:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/11/26 09:32	03/11/26 20:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/26 09:32	03/11/26 20:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/26 09:32	03/11/26 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*03/11/26 09:32*	*03/11/26 20:07*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/11/26 09:32*	*03/11/26 20:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/11/26 20:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/17/26 02:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 02:15	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 02:15	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/11/26 09:14	03/17/26 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/11/26 09:14*	*03/17/26 02:15*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/11/26 09:14*	*03/17/26 02:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.4**		10.0		mg/Kg			03/12/26 11:30	1

Client Sample ID: SW29

Date Collected: 03/09/26 16:15
Date Received: 03/10/26 08:06
Sample Depth: 0-2

Lab Sample ID: 890-9619-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 20:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 20:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 20:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/11/26 09:32	03/11/26 20:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 20:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/11/26 09:32	03/11/26 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*03/11/26 09:32*	*03/11/26 20:28*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: SW29

Date Collected: 03/09/26 16:15
Date Received: 03/10/26 08:06
Sample Depth: 0-2

Lab Sample ID: 890-9619-12

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/11/26 09:32*	*03/11/26 20:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/11/26 20:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			03/17/26 02:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		03/11/26 09:14	03/17/26 02:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		03/11/26 09:14	03/17/26 02:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		03/11/26 09:14	03/17/26 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*03/11/26 09:14*	*03/17/26 02:29*	*1*
o-Terphenyl	*91*		*70 - 130*	*03/11/26 09:14*	*03/17/26 02:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.2**		9.96	mg/Kg			03/12/26 11:37	1

Surrogate Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-69425-A-3-C MS	Matrix Spike	123	94
880-69425-A-3-D MSD	Matrix Spike Duplicate	125	96
890-9619-1	FS78A	107	94
890-9619-2	FS54A	97	94
890-9619-3	CS120A	91	97
890-9619-4	SW30	144 S1+	92
890-9619-5	FS02A	121	116
890-9619-6	FS03A	116	114
890-9619-7	FS04A	119	111
890-9619-8	FS05A	41 S1-	98
890-9619-9	CS04A	140 S1+	89
890-9619-10	SW31	132 S1+	91
890-9619-11	SW32	131 S1+	92
890-9619-12	SW29	138 S1+	93
890-9628-A-1-C MS	Matrix Spike	105	91
890-9628-A-1-D MSD	Matrix Spike Duplicate	104	96
890-9631-A-1-E MS	Matrix Spike	85	91
890-9631-A-1-F MSD	Matrix Spike Duplicate	109	108
890-9670-A-1-C MS	Matrix Spike	137 S1+	91
890-9670-A-1-D MSD	Matrix Spike Duplicate	126	89
LCS 880-134551/1-A	Lab Control Sample	126	93
LCS 880-134567/1-A	Lab Control Sample	98	99
LCS 880-134650/1-A	Lab Control Sample	101	116
LCS 880-135395/1-A	Lab Control Sample	132 S1+	95
LCSD 880-134551/2-A	Lab Control Sample Dup	124	97
LCSD 880-134567/2-A	Lab Control Sample Dup	99	97
LCSD 880-134650/2-A	Lab Control Sample Dup	110	109
LCSD 880-135395/2-A	Lab Control Sample Dup	130	92
MB 880-134548/5-A	Method Blank	99	91
MB 880-134551/5-A	Method Blank	121	89
MB 880-134567/5-A	Method Blank	100	93
MB 880-134650/5-A	Method Blank	105	109
MB 880-135395/5-A	Method Blank	129	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9616-A-1-B MS	Matrix Spike	133 S1+	133 S1+
890-9616-A-1-C MSD	Matrix Spike Duplicate	134 S1+	132 S1+
890-9619-1	FS78A	128	124
890-9619-2	FS54A	122	121
890-9619-3	CS120A	116	114
890-9619-4	SW30	129	131 S1+

Surrogate Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9619-5	FS02A	121	119
890-9619-6	FS03A	87	102
890-9619-6 MS	FS03A	95	98
890-9619-6 MSD	FS03A	95	97
890-9619-7	FS04A	84	99
890-9619-8	FS05A	82	96
890-9619-9	CS04A	83	98
890-9619-10	SW31	93	109
890-9619-11	SW32	86	99
890-9619-12	SW29	81	91
LCS 880-134406/2-A	Lab Control Sample	118	119
LCS 880-134544/2-A	Lab Control Sample	96	94
LCSD 880-134406/3-A	Lab Control Sample Dup	119	118
LCSD 880-134544/3-A	Lab Control Sample Dup	95	93
MB 880-134406/1-A	Method Blank	166 S1+	160 S1+
MB 880-134544/1-A	Method Blank	76	83

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134548/5-A
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134548

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:25	03/11/26 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:25	03/11/26 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:25	03/11/26 11:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/11/26 09:25	03/11/26 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:25	03/11/26 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/11/26 09:25	03/11/26 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/11/26 09:25*	*03/11/26 11:39*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/11/26 09:25*	*03/11/26 11:39*	*1*

Lab Sample ID: MB 880-134551/5-A
Matrix: Solid
Analysis Batch: 134530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134551

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/11/26 09:32	03/11/26 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 09:32	03/11/26 11:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/11/26 09:32	03/11/26 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*03/11/26 09:32*	*03/11/26 11:34*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/11/26 09:32*	*03/11/26 11:34*	*1*

Lab Sample ID: LCS 880-134551/1-A
Matrix: Solid
Analysis Batch: 134530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134551

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09436		mg/Kg		94	70 - 130		
Toluene			0.100	0.08730		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.09769		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene			0.200	0.1981		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1003		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-134551/2-A
Matrix: Solid
Analysis Batch: 134530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134551

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1009		mg/Kg		101	70 - 130	7	35

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-134551/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134530 — **Prep Batch: 134551**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08961		mg/Kg		90	70 - 130	3	35
Ethylbenzene			0.100	0.09885		mg/Kg		99	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1994		mg/Kg		100	70 - 130	1	35
o-Xylene			0.100	0.1012		mg/Kg		101	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-69425-A-3-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134530 — **Prep Batch: 134551**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08725		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.08058		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09129		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1870		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.100	0.09301		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-69425-A-3-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134530 — **Prep Batch: 134551**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09793		mg/Kg		98	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.08710		mg/Kg		87	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09813		mg/Kg		98	70 - 130	7	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1995		mg/Kg		100	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.09801		mg/Kg		98	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-134567/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134531 — **Prep Batch: 134567**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 10:43	03/11/26 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 10:43	03/11/26 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 10:43	03/11/26 23:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/11/26 10:43	03/11/26 23:24	1

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-134567/5-A
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134567

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 10:43	03/11/26 23:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/11/26 10:43	03/11/26 23:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/11/26 10:43*	*03/11/26 23:24*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/11/26 10:43*	*03/11/26 23:24*	*1*

Lab Sample ID: LCS 880-134567/1-A
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134567

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08863		mg/Kg		89	70 - 130		
Toluene			0.100	0.09340		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.08416		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene			0.200	0.1686		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.08275		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-134567/2-A
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134567

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08493		mg/Kg		85	70 - 130	4	35
Toluene			0.100	0.09312		mg/Kg		93	70 - 130	0	35
Ethylbenzene			0.100	0.08318		mg/Kg		83	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1699		mg/Kg		85	70 - 130	1	35
o-Xylene			0.100	0.08368		mg/Kg		84	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-9628-A-1-C MS
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.07765		mg/Kg		78	70 - 130		
Toluene	<0.00200	U	0.100	0.08775		mg/Kg		88	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08176		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1661		mg/Kg		83	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08207		mg/Kg		82	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9628-A-1-C MS
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134567

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-9628-A-1-D MSD
Matrix: Solid
Analysis Batch: 134531

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134567

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07799		mg/Kg		78	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.08550		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07707		mg/Kg		77	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1568		mg/Kg		78	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.07684		mg/Kg		77	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-134650/5-A
Matrix: Solid
Analysis Batch: 134654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134650

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 11:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/12/26 08:06	03/12/26 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/12/26 08:06	03/12/26 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/12/26 08:06	03/12/26 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/12/26 08:06*	*03/12/26 11:48*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/12/26 08:06*	*03/12/26 11:48*	*1*

Lab Sample ID: LCS 880-134650/1-A
Matrix: Solid
Analysis Batch: 134654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134650

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1183		mg/Kg		118	70 - 130		
Toluene			0.100	0.09579		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.09318		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			0.200	0.1911		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.09557		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-134650/1-A
Matrix: Solid
Analysis Batch: 134654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134650

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: LCSD 880-134650/2-A
Matrix: Solid
Analysis Batch: 134654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134650

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1255		mg/Kg		126	70 - 130	6	35
Toluene			0.100	0.1015		mg/Kg		101	70 - 130	6	35
Ethylbenzene			0.100	0.09890		mg/Kg		99	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.2041		mg/Kg		102	70 - 130	7	35
o-Xylene			0.100	0.1014		mg/Kg		101	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 890-9631-A-1-E MS
Matrix: Solid
Analysis Batch: 134654

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.07863		mg/Kg		79	70 - 130		
Toluene	<0.00200	U F1	0.100	0.06525	F1	mg/Kg		65	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.06552	F1	mg/Kg		66	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1361	F1	mg/Kg		68	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.06765	F1	mg/Kg		68	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-9631-A-1-F MSD
Matrix: Solid
Analysis Batch: 134654

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1125		mg/Kg		113	70 - 130	35	35
Toluene	<0.00200	U F1	0.100	0.09121		mg/Kg		91	70 - 130	33	35
Ethylbenzene	<0.00200	U F1	0.100	0.08923		mg/Kg		89	70 - 130	31	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1816		mg/Kg		91	70 - 130	29	35
o-Xylene	<0.00200	U F1	0.100	0.09099		mg/Kg		91	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-135395/5-A
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135395

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 08:00	03/19/26 12:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*03/19/26 08:00*	*03/19/26 12:04*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/19/26 08:00*	*03/19/26 12:04*	*1*

Lab Sample ID: LCS 880-135395/1-A
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135395

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1143		mg/Kg		114	70 - 130		
Toluene			0.100	0.1016		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1117		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene			0.200	0.2239		mg/Kg		112	70 - 130		
o-Xylene			0.100	0.1108		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-135395/2-A
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135395

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1150		mg/Kg		115	70 - 130	1	35
Toluene			0.100	0.1055		mg/Kg		106	70 - 130	4	35
Ethylbenzene			0.100	0.1145		mg/Kg		115	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2314		mg/Kg		116	70 - 130	3	35
o-Xylene			0.100	0.1132		mg/Kg		113	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-9670-A-1-C MS
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 135395

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1113		mg/Kg		111	70 - 130		
Toluene	<0.00200	U	0.100	0.1005		mg/Kg		101	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9670-A-1-C MS
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 135395

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1124		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2281		mg/Kg		114	70 - 130
o-Xylene	<0.00200	U	0.100	0.1118		mg/Kg		112	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-9670-A-1-D MSD
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 135395

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1112		mg/Kg		111	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09863		mg/Kg		99	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1080		mg/Kg		108	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2150		mg/Kg		108	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1055		mg/Kg		106	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-134406/1-A
Matrix: Solid
Analysis Batch: 134907

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134406

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 01:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 01:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/26 09:38	03/16/26 01:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*166*	*S1+*	*70 - 130*	*03/10/26 09:38*	*03/16/26 01:57*	*1*
o-Terphenyl	*160*	*S1+*	*70 - 130*	*03/10/26 09:38*	*03/16/26 01:57*	*1*

Lab Sample ID: LCS 880-134406/2-A
Matrix: Solid
Analysis Batch: 134907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134406

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1304		mg/Kg		130	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1289		mg/Kg		129	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-134406/2-A
Matrix: Solid
Analysis Batch: 134907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134406

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: LCSD 880-134406/3-A
Matrix: Solid
Analysis Batch: 134907

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134406

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1242		mg/Kg		124	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1273		mg/Kg		127	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 890-9616-A-1-B MS
Matrix: Solid
Analysis Batch: 134907

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1209		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1177		mg/Kg		118	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	133	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: 890-9616-A-1-C MSD
Matrix: Solid
Analysis Batch: 134907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1301		mg/Kg		128	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1211		mg/Kg		121	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	132	S1+	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-134544/1-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134544

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/16/26 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/16/26 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/16/26 23:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*03/11/26 09:14*	*03/16/26 23:55*	*1*
o-Terphenyl	*83*		*70 - 130*	*03/11/26 09:14*	*03/16/26 23:55*	*1*

Lab Sample ID: LCS 880-134544/2-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134544

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	902.3		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	848.8		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: LCSD 880-134544/3-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134544

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	898.6		mg/Kg		90	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	844.2		mg/Kg		84	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: 890-9619-6 MS
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: FS03A
Prep Type: Total/NA
Prep Batch: 134544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	825.5		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	186		999	943.0		mg/Kg		76	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9619-6 MS
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: FS03A
Prep Type: Total/NA
Prep Batch: 134544

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 890-9619-6 MSD
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: FS03A
Prep Type: Total/NA
Prep Batch: 134544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	831.4		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	186		999	936.3		mg/Kg		75	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*97*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134599/1-A
Matrix: Solid
Analysis Batch: 134656

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/12/26 09:57	1

Lab Sample ID: LCS 880-134599/2-A
Matrix: Solid
Analysis Batch: 134656

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.1		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-134599/3-A
Matrix: Solid
Analysis Batch: 134656

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.6		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 890-9619-4 MS
Matrix: Solid
Analysis Batch: 134656

Client Sample ID: SW30
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	80.5		252	354.9		mg/Kg		109	90 - 110		

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9619-4 MSD
Matrix: Solid
Analysis Batch: 134656

Client Sample ID: SW30
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80.5		252	352.8		mg/Kg		108	90 - 110	1	20

Lab Sample ID: MB 880-134598/1-A
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/12/26 13:35	1

Lab Sample ID: LCS 880-134598/2-A
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	230.6		mg/Kg		92	90 - 110		

Lab Sample ID: LCSD 880-134598/3-A
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	231.4		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-69404-A-18-D MS
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	23.0		252	265.2		mg/Kg		96	90 - 110		

Lab Sample ID: 880-69404-A-18-E MSD
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23.0		252	266.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-69440-A-2-B MS
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	662		1250	1997		mg/Kg		107	90 - 110		

Lab Sample ID: 880-69440-A-2-C MSD
Matrix: Solid
Analysis Batch: 134672

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	662		1250	1999		mg/Kg		107	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

GC VOA

Analysis Batch: 134530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-9	CS04A	Total/NA	Solid	8021B	134551
890-9619-10	SW31	Total/NA	Solid	8021B	134551
890-9619-11	SW32	Total/NA	Solid	8021B	134551
890-9619-12	SW29	Total/NA	Solid	8021B	134551
MB 880-134551/5-A	Method Blank	Total/NA	Solid	8021B	134551
LCS 880-134551/1-A	Lab Control Sample	Total/NA	Solid	8021B	134551
LCSD 880-134551/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134551
880-69425-A-3-C MS	Matrix Spike	Total/NA	Solid	8021B	134551
880-69425-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134551

Analysis Batch: 134531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Total/NA	Solid	8021B	134567
890-9619-2	FS54A	Total/NA	Solid	8021B	134567
890-9619-3	CS120A	Total/NA	Solid	8021B	134567
MB 880-134548/5-A	Method Blank	Total/NA	Solid	8021B	134548
MB 880-134567/5-A	Method Blank	Total/NA	Solid	8021B	134567
LCS 880-134567/1-A	Lab Control Sample	Total/NA	Solid	8021B	134567
LCSD 880-134567/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134567
890-9628-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	134567
890-9628-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134567

Prep Batch: 134548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-134548/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 134551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-9	CS04A	Total/NA	Solid	5035	
890-9619-10	SW31	Total/NA	Solid	5035	
890-9619-11	SW32	Total/NA	Solid	5035	
890-9619-12	SW29	Total/NA	Solid	5035	
MB 880-134551/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134551/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134551/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69425-A-3-C MS	Matrix Spike	Total/NA	Solid	5035	
880-69425-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 134567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Total/NA	Solid	5035	
890-9619-2	FS54A	Total/NA	Solid	5035	
890-9619-3	CS120A	Total/NA	Solid	5035	
MB 880-134567/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134567/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134567/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9628-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9628-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

GC VOA

Prep Batch: 134650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-5	FS02A	Total/NA	Solid	5035	
890-9619-6	FS03A	Total/NA	Solid	5035	
890-9619-7	FS04A	Total/NA	Solid	5035	
890-9619-8	FS05A	Total/NA	Solid	5035	
MB 880-134650/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134650/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134650/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9631-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9631-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 134654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-5	FS02A	Total/NA	Solid	8021B	134650
890-9619-6	FS03A	Total/NA	Solid	8021B	134650
890-9619-7	FS04A	Total/NA	Solid	8021B	134650
890-9619-8	FS05A	Total/NA	Solid	8021B	134650
MB 880-134650/5-A	Method Blank	Total/NA	Solid	8021B	134650
LCS 880-134650/1-A	Lab Control Sample	Total/NA	Solid	8021B	134650
LCSD 880-134650/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134650
890-9631-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	134650
890-9631-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134650

Analysis Batch: 134686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Total/NA	Solid	Total BTEX	
890-9619-2	FS54A	Total/NA	Solid	Total BTEX	
890-9619-3	CS120A	Total/NA	Solid	Total BTEX	
890-9619-4	SW30	Total/NA	Solid	Total BTEX	
890-9619-5	FS02A	Total/NA	Solid	Total BTEX	
890-9619-6	FS03A	Total/NA	Solid	Total BTEX	
890-9619-7	FS04A	Total/NA	Solid	Total BTEX	
890-9619-8	FS05A	Total/NA	Solid	Total BTEX	
890-9619-9	CS04A	Total/NA	Solid	Total BTEX	
890-9619-10	SW31	Total/NA	Solid	Total BTEX	
890-9619-11	SW32	Total/NA	Solid	Total BTEX	
890-9619-12	SW29	Total/NA	Solid	Total BTEX	

Analysis Batch: 135362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-4	SW30	Total/NA	Solid	8021B	135395
MB 880-135395/5-A	Method Blank	Total/NA	Solid	8021B	135395
LCS 880-135395/1-A	Lab Control Sample	Total/NA	Solid	8021B	135395
LCSD 880-135395/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135395
890-9670-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	135395
890-9670-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135395

Prep Batch: 135395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-4	SW30	Total/NA	Solid	5035	
MB 880-135395/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135395/1-A	Lab Control Sample	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

GC VOA (Continued)

Prep Batch: 135395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-135395/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9670-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9670-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 134406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Total/NA	Solid	8015NM Prep	
890-9619-2	FS54A	Total/NA	Solid	8015NM Prep	
890-9619-3	CS120A	Total/NA	Solid	8015NM Prep	
890-9619-4	SW30	Total/NA	Solid	8015NM Prep	
890-9619-5	FS02A	Total/NA	Solid	8015NM Prep	
MB 880-134406/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134406/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134406/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9616-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9616-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 134544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-6	FS03A	Total/NA	Solid	8015NM Prep	
890-9619-7	FS04A	Total/NA	Solid	8015NM Prep	
890-9619-8	FS05A	Total/NA	Solid	8015NM Prep	
890-9619-9	CS04A	Total/NA	Solid	8015NM Prep	
890-9619-10	SW31	Total/NA	Solid	8015NM Prep	
890-9619-11	SW32	Total/NA	Solid	8015NM Prep	
890-9619-12	SW29	Total/NA	Solid	8015NM Prep	
MB 880-134544/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134544/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9619-6 MS	FS03A	Total/NA	Solid	8015NM Prep	
890-9619-6 MSD	FS03A	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Total/NA	Solid	8015B NM	134406
890-9619-2	FS54A	Total/NA	Solid	8015B NM	134406
890-9619-3	CS120A	Total/NA	Solid	8015B NM	134406
890-9619-4	SW30	Total/NA	Solid	8015B NM	134406
890-9619-5	FS02A	Total/NA	Solid	8015B NM	134406
MB 880-134406/1-A	Method Blank	Total/NA	Solid	8015B NM	134406
LCS 880-134406/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134406
LCSD 880-134406/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134406
890-9616-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134406
890-9616-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134406

Analysis Batch: 134932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-6	FS03A	Total/NA	Solid	8015B NM	134544
890-9619-7	FS04A	Total/NA	Solid	8015B NM	134544

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

GC Semi VOA (Continued)

Analysis Batch: 134932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-8	FS05A	Total/NA	Solid	8015B NM	134544
890-9619-9	CS04A	Total/NA	Solid	8015B NM	134544
890-9619-10	SW31	Total/NA	Solid	8015B NM	134544
890-9619-11	SW32	Total/NA	Solid	8015B NM	134544
890-9619-12	SW29	Total/NA	Solid	8015B NM	134544
MB 880-134544/1-A	Method Blank	Total/NA	Solid	8015B NM	134544
LCS 880-134544/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134544
LCSD 880-134544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134544
890-9619-6 MS	FS03A	Total/NA	Solid	8015B NM	134544
890-9619-6 MSD	FS03A	Total/NA	Solid	8015B NM	134544

Analysis Batch: 135018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Total/NA	Solid	8015 NM	
890-9619-2	FS54A	Total/NA	Solid	8015 NM	
890-9619-3	CS120A	Total/NA	Solid	8015 NM	
890-9619-4	SW30	Total/NA	Solid	8015 NM	
890-9619-5	FS02A	Total/NA	Solid	8015 NM	
890-9619-6	FS03A	Total/NA	Solid	8015 NM	
890-9619-7	FS04A	Total/NA	Solid	8015 NM	
890-9619-8	FS05A	Total/NA	Solid	8015 NM	
890-9619-9	CS04A	Total/NA	Solid	8015 NM	
890-9619-10	SW31	Total/NA	Solid	8015 NM	
890-9619-11	SW32	Total/NA	Solid	8015 NM	
890-9619-12	SW29	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Soluble	Solid	DI Leach	
890-9619-2	FS54A	Soluble	Solid	DI Leach	
890-9619-3	CS120A	Soluble	Solid	DI Leach	
MB 880-134598/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134598/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134598/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-69404-A-18-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-69404-A-18-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-69440-A-2-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-69440-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 134599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-4	SW30	Soluble	Solid	DI Leach	
890-9619-5	FS02A	Soluble	Solid	DI Leach	
890-9619-6	FS03A	Soluble	Solid	DI Leach	
890-9619-7	FS04A	Soluble	Solid	DI Leach	
890-9619-8	FS05A	Soluble	Solid	DI Leach	
890-9619-9	CS04A	Soluble	Solid	DI Leach	
890-9619-10	SW31	Soluble	Solid	DI Leach	
890-9619-11	SW32	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

HPLC/IC (Continued)

Leach Batch: 134599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-12	SW29	Soluble	Solid	DI Leach	
MB 880-134599/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134599/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134599/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9619-4 MS	SW30	Soluble	Solid	DI Leach	
890-9619-4 MSD	SW30	Soluble	Solid	DI Leach	

Analysis Batch: 134656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-4	SW30	Soluble	Solid	300.0	134599
890-9619-5	FS02A	Soluble	Solid	300.0	134599
890-9619-6	FS03A	Soluble	Solid	300.0	134599
890-9619-7	FS04A	Soluble	Solid	300.0	134599
890-9619-8	FS05A	Soluble	Solid	300.0	134599
890-9619-9	CS04A	Soluble	Solid	300.0	134599
890-9619-10	SW31	Soluble	Solid	300.0	134599
890-9619-11	SW32	Soluble	Solid	300.0	134599
890-9619-12	SW29	Soluble	Solid	300.0	134599
MB 880-134599/1-A	Method Blank	Soluble	Solid	300.0	134599
LCS 880-134599/2-A	Lab Control Sample	Soluble	Solid	300.0	134599
LCSD 880-134599/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134599
890-9619-4 MS	SW30	Soluble	Solid	300.0	134599
890-9619-4 MSD	SW30	Soluble	Solid	300.0	134599

Analysis Batch: 134672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9619-1	FS78A	Soluble	Solid	300.0	134598
890-9619-2	FS54A	Soluble	Solid	300.0	134598
890-9619-3	CS120A	Soluble	Solid	300.0	134598
MB 880-134598/1-A	Method Blank	Soluble	Solid	300.0	134598
LCS 880-134598/2-A	Lab Control Sample	Soluble	Solid	300.0	134598
LCSD 880-134598/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134598
880-69404-A-18-D MS	Matrix Spike	Soluble	Solid	300.0	134598
880-69404-A-18-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134598
880-69440-A-2-B MS	Matrix Spike	Soluble	Solid	300.0	134598
880-69440-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134598

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS78A
Date Collected: 03/09/26 10:15
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134567	03/11/26 10:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134531	03/12/26 04:23	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 04:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/16/26 07:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134406	03/10/26 09:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134907	03/16/26 07:05	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		10			134672	03/12/26 15:51	SMC	EET MID

Client Sample ID: FS54A
Date Collected: 03/09/26 11:05
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134567	03/11/26 10:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134531	03/12/26 04:44	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 04:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/16/26 07:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134406	03/10/26 09:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134907	03/16/26 07:20	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 15:56	SMC	EET MID

Client Sample ID: CS120A
Date Collected: 03/09/26 11:10
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134567	03/11/26 10:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134531	03/12/26 05:04	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 05:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/16/26 07:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134406	03/10/26 09:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134907	03/16/26 07:35	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		5			134672	03/12/26 15:41	SMC	EET MID

Client Sample ID: SW30
Date Collected: 03/09/26 13:25
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135395	03/19/26 11:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135362	03/19/26 12:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/19/26 12:46	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: SW30
Date Collected: 03/09/26 13:25
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			135018	03/16/26 07:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134406	03/10/26 09:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134907	03/16/26 07:49	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 10:17	SMC	EET MID

Client Sample ID: FS02A
Date Collected: 03/09/26 14:12
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	134650	03/12/26 08:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134654	03/12/26 13:11	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 13:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/16/26 08:04	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134406	03/10/26 09:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134907	03/16/26 08:04	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 10:37	SMC	EET MID

Client Sample ID: FS03A
Date Collected: 03/09/26 14:14
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134650	03/12/26 08:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134654	03/12/26 13:32	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 13:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 00:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 00:36	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 10:44	SMC	EET MID

Client Sample ID: FS04A
Date Collected: 03/09/26 14:16
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134650	03/12/26 08:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134654	03/12/26 13:52	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 13:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 01:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 01:18	FC	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: FS04A
Date Collected: 03/09/26 14:16
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 10:50	SMC	EET MID

Client Sample ID: FS05A
Date Collected: 03/09/26 14:17
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	134650	03/12/26 08:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134654	03/12/26 14:13	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/12/26 14:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 01:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 01:33	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 10:57	SMC	EET MID

Client Sample ID: CS04A
Date Collected: 03/09/26 14:19
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	134551	03/11/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134530	03/11/26 19:26	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/11/26 19:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 01:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 01:46	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 11:17	SMC	EET MID

Client Sample ID: SW31
Date Collected: 03/09/26 15:35
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	134551	03/11/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134530	03/11/26 19:47	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/11/26 19:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 02:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 02:01	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 11:24	SMC	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Client Sample ID: SW32

Date Collected: 03/09/26 15:32
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	134551	03/11/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134530	03/11/26 20:07	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/11/26 20:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 02:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 02:15	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 11:30	SMC	EET MID

Client Sample ID: SW29

Date Collected: 03/09/26 16:15
Date Received: 03/10/26 08:06

Lab Sample ID: 890-9619-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	134551	03/11/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134530	03/11/26 20:28	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134686	03/11/26 20:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			135018	03/17/26 02:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 02:29	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134599	03/11/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1			134656	03/12/26 11:37	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704400. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 154H

Job ID: 890-9619-1
SDG: 03C1558583

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9619-1	FS78A	Solid	03/09/26 10:15	03/10/26 08:06	2
890-9619-2	FS54A	Solid	03/09/26 11:05	03/10/26 08:06	2
890-9619-3	CS120A	Solid	03/09/26 11:10	03/10/26 08:06	2
890-9619-4	SW30	Solid	03/09/26 13:25	03/10/26 08:06	1-2
890-9619-5	FS02A	Solid	03/09/26 14:12	03/10/26 08:06	2
890-9619-6	FS03A	Solid	03/09/26 14:14	03/10/26 08:06	2
890-9619-7	FS04A	Solid	03/09/26 14:16	03/10/26 08:06	2
890-9619-8	FS05A	Solid	03/09/26 14:17	03/10/26 08:06	2
890-9619-9	CS04A	Solid	03/09/26 14:19	03/10/26 08:06	2
890-9619-10	SW31	Solid	03/09/26 15:35	03/10/26 08:06	0-2
890-9619-11	SW32	Solid	03/09/26 15:32	03/10/26 08:06	0-2
890-9619-12	SW29	Solid	03/09/26 16:15	03/10/26 08:06	0-2

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6/8/2026 (Rev. 1)

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3/19/2026

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Released to Imaging: 6/30/2026 3:18:08 PM

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Wo 890-9619 Chain of Custody

www.xenco.com Page 1 of 2

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy.	Address:	3104 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jorios@ensolum.com / bbeilill@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☑ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	Tnmeo2	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2	
Total Containers:		Corrected Temperature:	2.0	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chlorides	TPH	BTEX	Sample Comments
FS78A	S	3/9/26	1015	2'	C	1	✓	✓	✓	nAPP2434530896
FS54A	S	3/9/26	1105	2'	C	1	✓	✓	✓	CC: 2258891001
CS120A	S	3/9/26	1110	2'	C	1	✓	✓	✓	GFCM: 48605000
SW30 TH	S	3/9/26	1325	0-2'	C	1	✓	✓	✓	
FS02A	S	3/9/26	1412	2'	C	1	✓	✓	✓	
FS03A	S	3/9/26	1414	2'	C	1	✓	✓	✓	
FS04A	S	3/9/26	1416	2'	C	1	✓	✓	✓	
FS05A	S	3/9/26	1417	2'	C	1	✓	✓	✓	
CS04A	S	3/9/26	1419	2'	C	1	✓	✓	✓	
SW31	S	3/9/26	1535	0-2'	C	1	✓	✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/10 806	2		
3			4		
5			6		

Released to Imaging: 6/30/2026 3:18:08 PM
Received by OCD: 6/8/2026 4:15:53 PM

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Wo

890-9619 Chain of Custody

www.xenco.com Page 1 of 2

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy.	Address:	3104 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jorios@ensolum.com / bbelill@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☑ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Tnmoo2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.0

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides	TPH	BTEX	Sample Comments
FS78A	S	3/9/26	1015	2'	C	1		✓	✓	✓	nAPP2434530896
FS54A	S	3/9/26	1105	2'	C	1		✓	✓	✓	CC: 2258891001
CS120A	S	3/9/26	1110	2'	C	1		✓	✓	✓	GFCM: 48605000
SW30	S	3/9/26	1325	0-2'	C	1		✓	✓	✓	
FS02A	S	3/9/26	1412	2'	C	1		✓	✓	✓	
FS03A	S	3/9/26	1414	2'	C	1		✓	✓	✓	
FS04A	S	3/9/26	1416	2'	C	1		✓	✓	✓	
FS05A	S	3/9/26	1417	2'	C	1		✓	✓	✓	
CS04A	S	3/9/26	1419	2'	C	1		✓	✓	✓	
SW31	S	3/9/26	1535	0-2'	C	1		✓	✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/10 806	2		
3			4		
5			6		

Released to Imaging: 6/30/2026 3:18:08 PM
Received by OCD: 6/8/2026 4:15:53 PM

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Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy.	Address:	3104 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jorios@ensolum.com / bbelill@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 154H	Turn Around	
Project Number:	03C1558583	☑ Routine ☐ Rush	
Project Location:	32.10715, -103.81746	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	Inmoo	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2	
Total Containers:		Corrected Temperature:	2.0	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides	TPH	BTEX	Sample Comments
SW32	S	3/9/26	1532	0-2'	C	1		✓	✓	✓	nAPP2434530896
SW29	S	3/9/26	1615	0-2'	C	1		✓	✓	✓	CC: 2258891001
											GFCM: 48605000

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/10 806			
3			4		
5			6		

Page 599 of 649

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6642.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9619-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/16/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Poker lake unit 30-19 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
FS78A (890-9619-1)	3/9/26	10:15 Mountain	G	Solid			X	X	X	X	X	1	
FS54A (890-9619-2)	3/9/26	11:05 Mountain	G	Solid			X	X	X	X	X	1	
CS120A (890-9619-3)	3/9/26	11:10 Mountain	G	Solid			X	X	X	X	X	1	
SW30 (890-9619-4)	3/9/26	13:25 Mountain	G	Solid			X	X	X	X	X	1	
FS02A (890-9619-5)	3/9/26	14:12 Mountain	G	Solid			X	X	X	X	X	1	
FS03A (890-9619-6)	3/9/26	14:14 Mountain	G	Solid			X	X	X	X	X	1	
FS04A (890-9619-7)	3/9/26	14:16 Mountain	G	Solid			X	X	X	X	X	1	
FS05A (890-9619-8)	3/9/26	14:17 Mountain	G	Solid			X	X	X	X	X	1	
CS04A (890-9619-9)	3/9/26	14:19 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	3/10 1630		[signature]	3.11.26 800	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6642.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9619-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/16/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Poker lake unit 30-19 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW31 (890-9619-10)	3/9/26	15:35 Mountain	G	Solid			X	X	X	X	X	1	
SW32 (890-9619-11)	3/9/26	15:32 Mountain	G	Solid			X	X	X	X	X	1	
SW29 (890-9619-12)	3/9/26	16:15 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 3/10 1630	Company	Received by:	Date/Time: 3.11.26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 6/8/2026 4:15:53 PM

Released to Imaging: 6/30/2026 3:18:08 PM

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9619-1
SDG Number: 03C1558583

Login Number: 9619
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	N/A	Refer to Job Narrative for details.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9619-1
SDG Number: 03C1558583

Login Number: 9619
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 03/11/26 09:09 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 6/8/2026 1:17:44 PM Revision 1

JOB DESCRIPTION

Poker Lake Unit 30-19 BS 154H
03C1558583

JOB NUMBER

890-9816-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/30/2026 3:18:08 PM

my EOL

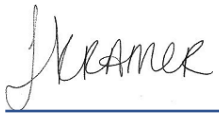
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/8/2026 1:17:44 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Laboratory Job ID: 890-9816-1
SDG: 03C1558583

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Definitions/Glossary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-9816-1
Project: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1 Eurofins Carlsbad

Job Narrative
890-9816-1

REVISION

The report being provided is a revision of the original report sent on 5/1/2026. The report (revision 1) is being revised due to Per client email, requesting sample depth corrections.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/21/2026 4:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SS27 (890-9816-1), SS28 (890-9816-2), SS29 (890-9816-3), SS30 (890-9816-4), SW33 (890-9816-5), SW34 (890-9816-6), FS 82 (890-9816-7), SW36 (890-9816-8) and SW37 (890-9816-9).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139229 and analytical batch 880-139324 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS27 (890-9816-1), SS28 (890-9816-2), SW33 (890-9816-5) and (880-71235-A-1-G). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138537 and analytical batch 880-139007 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-138538/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-138538/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9816-A-3-B MS). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9816-A-3-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Ensolum Job ID: 890-9816-1
Project: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1 (Continued) Eurofins Carlsbad

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SS30 (890-9816-4). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138538 and analytical batch 880-139009 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138538 and analytical batch 880-139009 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SS29 (890-9816-3). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SS27

Date Collected: 04/21/26 09:38
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Lab Sample ID: 890-9816-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:48	04/30/26 22:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:48	04/30/26 22:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:48	04/30/26 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/28/26 11:48	04/30/26 22:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:48	04/30/26 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/28/26 11:48	04/30/26 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*04/28/26 11:48*	*04/30/26 22:58*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/28/26 11:48*	*04/30/26 22:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/26 22:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/26 21:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:33	04/26/26 21:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:33	04/26/26 21:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:33	04/26/26 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*04/21/26 18:33*	*04/26/26 21:34*	*1*
o-Terphenyl	*103*		*70 - 130*	*04/21/26 18:33*	*04/26/26 21:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		9.98		mg/Kg			04/24/26 16:00	1

Client Sample ID: SS28

Date Collected: 04/21/26 09:40
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Lab Sample ID: 890-9816-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 23:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 23:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 23:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 11:48	04/30/26 23:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 23:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 11:48	04/30/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/28/26 11:48*	*04/30/26 23:18*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SS28

Date Collected: 04/21/26 09:40
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Lab Sample ID: 890-9816-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/28/26 11:48*	*04/30/26 23:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			04/30/26 23:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			04/26/26 21:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/21/26 18:33	04/26/26 21:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/21/26 18:33	04/26/26 21:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/21/26 18:33	04/26/26 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*92*		*70 - 130*	*04/21/26 18:33*	*04/26/26 21:55*	*1*
o-Terphenyl	*103*		*70 - 130*	*04/21/26 18:33*	*04/26/26 21:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.0**		10.0	mg/Kg			04/24/26 16:14	1

Client Sample ID: SS29

Date Collected: 04/21/26 09:43
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Lab Sample ID: 890-9816-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:48	04/30/26 23:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:48	04/30/26 23:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:48	04/30/26 23:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/28/26 11:48	04/30/26 23:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:48	04/30/26 23:39	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/28/26 11:48	04/30/26 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/28/26 11:48*	*04/30/26 23:39*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/28/26 11:48*	*04/30/26 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/30/26 23:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/26/26 14:25	1

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SS29

Lab Sample ID: 890-9816-3
Matrix: Solid
Date Collected: 04/21/26 09:43
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 F1	49.9		mg/Kg		04/21/26 18:35	04/26/26 14:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1 *1	49.9		mg/Kg		04/21/26 18:35	04/26/26 14:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*04/21/26 18:35*	*04/26/26 14:25*	*1*
o-Terphenyl	*71*		*70 - 130*	*04/21/26 18:35*	*04/26/26 14:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.3**		9.94		mg/Kg			04/24/26 16:19	1

Client Sample ID: SS30

Lab Sample ID: 890-9816-4
Matrix: Solid
Date Collected: 04/21/26 09:46
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:48	05/01/26 00:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:48	05/01/26 00:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:48	05/01/26 00:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/28/26 11:48	05/01/26 00:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:48	05/01/26 00:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/28/26 11:48	05/01/26 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/28/26 11:48*	*05/01/26 00:00*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/28/26 11:48*	*05/01/26 00:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/01/26 00:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/26 15:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 15:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/21/26 18:35	04/26/26 15:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*63*	*S1-*	*70 - 130*	*04/21/26 18:35*	*04/26/26 15:27*	*1*
o-Terphenyl	*62*	*S1-*	*70 - 130*	*04/21/26 18:35*	*04/26/26 15:27*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SS30

Lab Sample ID: 890-9816-4
Matrix: Solid
Date Collected: 04/21/26 09:46
Date Received: 04/21/26 16:13
Sample Depth: SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		9.92		mg/Kg			04/24/26 16:24	1

Client Sample ID: SW33

Lab Sample ID: 890-9816-5
Matrix: Solid
Date Collected: 04/21/26 10:40
Date Received: 04/21/26 16:13
Sample Depth: 0-2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:48	05/01/26 00:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:48	05/01/26 00:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:48	05/01/26 00:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/28/26 11:48	05/01/26 00:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:48	05/01/26 00:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/28/26 11:48	05/01/26 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*04/28/26 11:48*	*05/01/26 00:20*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/28/26 11:48*	*05/01/26 00:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/01/26 00:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/26 15:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 15:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/21/26 18:35	04/26/26 15:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*04/21/26 18:35*	*04/26/26 15:47*	*1*
o-Terphenyl	*79*		*70 - 130*	*04/21/26 18:35*	*04/26/26 15:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.7		9.92		mg/Kg			04/25/26 21:11	1

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SW34

Date Collected: 04/21/26 10:45
Date Received: 04/21/26 16:13
Sample Depth: 0-2

Lab Sample ID: 890-9816-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 05:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 05:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 05:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/28/26 11:45	05/01/26 05:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 05:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/28/26 11:45	05/01/26 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/28/26 11:45*	*05/01/26 05:29*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/28/26 11:45*	*05/01/26 05:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/01/26 05:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/26/26 16:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 16:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/21/26 18:35	04/26/26 16:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*04/21/26 18:35*	*04/26/26 16:07*	*1*
o-Terphenyl	*82*		*70 - 130*	*04/21/26 18:35*	*04/26/26 16:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.2**		9.98		mg/Kg			04/25/26 21:25	1

Client Sample ID: FS 82

Date Collected: 04/21/26 11:27
Date Received: 04/21/26 16:13
Sample Depth: 2

Lab Sample ID: 890-9816-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 05:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 05:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 05:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 05:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 05:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/28/26 11:45*	*05/01/26 05:50*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: FS 82

Date Collected: 04/21/26 11:27
Date Received: 04/21/26 16:13
Sample Depth: 2

Lab Sample ID: 890-9816-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/28/26 11:45*	*05/01/26 05:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			05/01/26 05:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/26/26 16:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/21/26 18:35	04/26/26 16:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		04/21/26 18:35	04/26/26 16:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/21/26 18:35	04/26/26 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*04/21/26 18:35*	*04/26/26 16:28*	*1*
o-Terphenyl	*81*		*70 - 130*	*04/21/26 18:35*	*04/26/26 16:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		9.92	mg/Kg			04/25/26 21:30	1

Client Sample ID: SW36

Date Collected: 04/21/26 12:42
Date Received: 04/21/26 16:13
Sample Depth: 1-2'

Lab Sample ID: 890-9816-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:45	05/01/26 06:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:45	05/01/26 06:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:45	05/01/26 06:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/28/26 11:45	05/01/26 06:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/28/26 11:45	05/01/26 06:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/28/26 11:45	05/01/26 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/28/26 11:45*	*05/01/26 06:10*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/28/26 11:45*	*05/01/26 06:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			05/01/26 06:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/26/26 16:48	1

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Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SW36

Date Collected: 04/21/26 12:42
Date Received: 04/21/26 16:13
Sample Depth: 1-2'

Lab Sample ID: 890-9816-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/21/26 18:35	04/26/26 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:35	04/26/26 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*04/21/26 18:35*	*04/26/26 16:48*	*1*
o-Terphenyl	*83*		*70 - 130*	*04/21/26 18:35*	*04/26/26 16:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**544**		49.8		mg/Kg			04/25/26 21:35	5

Client Sample ID: SW37

Date Collected: 04/21/26 13:08
Date Received: 04/21/26 16:13
Sample Depth: 0-2

Lab Sample ID: 890-9816-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 06:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 06:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 06:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 06:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 06:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/28/26 11:45*	*05/01/26 06:31*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/28/26 11:45*	*05/01/26 06:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/01/26 06:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/26/26 17:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 17:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/21/26 18:35	04/26/26 17:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*04/21/26 18:35*	*04/26/26 17:08*	*1*
o-Terphenyl	*79*		*70 - 130*	*04/21/26 18:35*	*04/26/26 17:08*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SW37

Date Collected: 04/21/26 13:08
Date Received: 04/21/26 16:13
Sample Depth: 0-2

Lab Sample ID: 890-9816-9

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		9.96		mg/Kg			04/25/26 21:40	1

Surrogate Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-71235-A-1-E MS	Matrix Spike	113	96
880-71235-A-1-F MSD	Matrix Spike Duplicate	104	98
880-71237-A-1-E MS	Matrix Spike	105	104
880-71237-A-1-F MSD	Matrix Spike Duplicate	103	100
890-9816-1	SS27	155 S1+	110
890-9816-2	SS28	143 S1+	102
890-9816-3	SS29	127	94
890-9816-4	SS30	126	98
890-9816-5	SW33	139 S1+	104
890-9816-6	SW34	104	98
890-9816-7	FS 82	101	93
890-9816-8	SW36	105	100
890-9816-9	SW37	107	100
LCS 880-139229/1-A	Lab Control Sample	103	94
LCS 880-139230/1-A	Lab Control Sample	102	95
LCSD 880-139229/2-A	Lab Control Sample Dup	101	98
LCSD 880-139230/2-A	Lab Control Sample Dup	100	96
MB 880-139229/5-A	Method Blank	99	92
MB 880-139230/5-A	Method Blank	122	87
MB 880-139452/5-A	Method Blank	97	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9812-A-1-B MS	Matrix Spike	102	106
890-9812-A-1-C MSD	Matrix Spike Duplicate	102	106
890-9816-1	SS27	94	103
890-9816-2	SS28	92	103
890-9816-3	SS29	67 S1-	71
890-9816-3 MS	SS29	66 S1-	66 S1-
890-9816-3 MSD	SS29	72	58 S1-
890-9816-4	SS30	63 S1-	62 S1-
890-9816-5	SW33	75	79
890-9816-6	SW34	78	82
890-9816-7	FS 82	96	81
890-9816-8	SW36	78	83
890-9816-9	SW37	75	79
LCS 880-138537/2-A	Lab Control Sample	114	102
LCS 880-138538/2-A	Lab Control Sample	96	90
LCSD 880-138537/3-A	Lab Control Sample Dup	106	100
LCSD 880-138538/3-A	Lab Control Sample Dup	78	67 S1-
MB 880-138537/1-A	Method Blank	91	103
MB 880-138538/1-A	Method Blank	61 S1-	65 S1-

Surrogate Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139229/5-A
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139229

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 00:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/28/26 11:45*	*05/01/26 00:17*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/28/26 11:45*	*05/01/26 00:17*	*1*

Lab Sample ID: LCS 880-139229/1-A
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139229

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1090		mg/Kg		109	70 - 130		
Toluene			0.100	0.1065		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2070		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1054		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-139229/2-A
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139229

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1038		mg/Kg		104	70 - 130	5	35
Toluene			0.100	0.1003		mg/Kg		100	70 - 130	6	35
Ethylbenzene			0.100	0.09747		mg/Kg		97	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1991		mg/Kg		100	70 - 130	4	35
o-Xylene			0.100	0.1006		mg/Kg		101	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-71237-A-1-E MS
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.07109		mg/Kg		71	70 - 130		
Toluene	<0.00200	U F1	0.100	0.04549	F1	mg/Kg		45	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-71237-A-1-E MS
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.02761	F1	mg/Kg		26	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.05251	F1	mg/Kg		26	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.03097	F1	mg/Kg		31	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-71237-A-1-F MSD
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139229

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06807	F1	mg/Kg		68	70 - 130	4	35
Toluene	<0.00200	U F1	0.100	0.05089	F1	mg/Kg		51	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.100	0.03604	F1	mg/Kg		35	70 - 130	26	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.07399	F1	mg/Kg		37	70 - 130	34	35
o-Xylene	<0.00200	U F1	0.100	0.03650	F1	mg/Kg		37	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-139230/5-A
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139230

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 16:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 16:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 16:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 11:48	04/30/26 16:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:48	04/30/26 16:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 11:48	04/30/26 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/28/26 11:48*	*04/30/26 16:13*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/28/26 11:48*	*04/30/26 16:13*	*1*

Lab Sample ID: LCS 880-139230/1-A
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139230

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1027		mg/Kg		103	70 - 130
Toluene	0.100	0.1058		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1142		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.1997		mg/Kg		100	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-139230/1-A
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139230

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09868		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-139230/2-A
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139230

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1099		mg/Kg		110	70 - 130	7	35
Toluene			0.100	0.1086		mg/Kg		109	70 - 130	3	35
Ethylbenzene			0.100	0.1005		mg/Kg		101	70 - 130	13	35
m-Xylene & p-Xylene			0.200	0.1940		mg/Kg		97	70 - 130	3	35
o-Xylene			0.100	0.1046		mg/Kg		105	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-71235-A-1-E MS
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09086		mg/Kg		91	70 - 130		
Toluene	<0.00200	U	0.100	0.09029		mg/Kg		90	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.07179		mg/Kg		72	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1577		mg/Kg		79	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09298		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-71235-A-1-F MSD
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09762		mg/Kg		98	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09930		mg/Kg		99	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.08296		mg/Kg		83	70 - 130	14	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1694		mg/Kg		85	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.09069		mg/Kg		91	70 - 130	2	35

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-71235-A-1-F MSD
Matrix: Solid
Analysis Batch: 139469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139230

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-139452/5-A
Matrix: Solid
Analysis Batch: 139324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139452

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/26 09:50	04/30/26 13:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/30/26 09:50	04/30/26 13:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/30/26 09:50	04/30/26 13:37	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-138537/1-A
Matrix: Solid
Analysis Batch: 139007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138537

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:33	04/26/26 11:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:33	04/26/26 11:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:33	04/26/26 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	04/21/26 18:33	04/26/26 11:44	1
o-Terphenyl	103		70 - 130	04/21/26 18:33	04/26/26 11:44	1

Lab Sample ID: LCS 880-138537/2-A
Matrix: Solid
Analysis Batch: 139007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138537

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	948.1		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1119		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	102		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: LCSD 880-138537/3-A
Matrix: Solid
Analysis Batch: 139007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138537

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	878.2		mg/Kg		88	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	1049		mg/Kg		105	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: 890-9812-A-1-B MS
Matrix: Solid
Analysis Batch: 139007

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	627.8	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	750.2		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: 890-9812-A-1-C MSD
Matrix: Solid
Analysis Batch: 139007

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	640.9	F1	mg/Kg		64	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	771.4		mg/Kg		77	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: MB 880-138538/1-A
Matrix: Solid
Analysis Batch: 139009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138538

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 11:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 11:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:35	04/26/26 11:44	1

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-138538/1-A
Matrix: Solid
Analysis Batch: 139009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138538

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130	04/21/26 18:35	04/26/26 11:44	1
o-Terphenyl	65	S1-	70 - 130	04/21/26 18:35	04/26/26 11:44	1

Lab Sample ID: LCS 880-138538/2-A
Matrix: Solid
Analysis Batch: 139009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1051		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-138538/3-A
Matrix: Solid
Analysis Batch: 139009

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138538

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1114		mg/Kg		111	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	806.7	*1	mg/Kg		81	70 - 130	27	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	67	S1-	70 - 130

Lab Sample ID: 890-9816-3 MS
Matrix: Solid
Analysis Batch: 139009

Client Sample ID: SS29
Prep Type: Total/NA
Prep Batch: 138538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 F1	999	1009		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1 *1	999	433.0	F1	mg/Kg		40	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	66	S1-	70 - 130
o-Terphenyl	66	S1-	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9816-3 MSD
Matrix: Solid
Analysis Batch: 139009

Client Sample ID: SS29
Prep Type: Total/NA
Prep Batch: 138538

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 F1	999	1655	F1 F2	mg/Kg		164	70 - 130	49	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1 *1	999	423.3	F1	mg/Kg		39	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*72*		*70 - 130*
o-Terphenyl	*58*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138667/1-A
Matrix: Solid
Analysis Batch: 138816

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/24/26 14:18	1

Lab Sample ID: LCS 880-138667/2-A
Matrix: Solid
Analysis Batch: 138816

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	238.4		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-138667/3-A
Matrix: Solid
Analysis Batch: 138816

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	241.1		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 890-9812-A-17-C MS
Matrix: Solid
Analysis Batch: 138816

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	50.6		249	286.1		mg/Kg		95	90 - 110		

Lab Sample ID: 890-9812-A-17-D MSD
Matrix: Solid
Analysis Batch: 138816

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.6		249	286.0		mg/Kg		95	90 - 110	0	20

QC Sample Results

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-138670/1-A
Matrix: Solid
Analysis Batch: 138817

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/26 20:56	1

Lab Sample ID: LCS 880-138670/2-A
Matrix: Solid
Analysis Batch: 138817

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	263.3		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-138670/3-A
Matrix: Solid
Analysis Batch: 138817

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	265.7		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-9816-5 MS
Matrix: Solid
Analysis Batch: 138817

Client Sample ID: SW33
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	67.7		248	300.3		mg/Kg		94	90 - 110		

Lab Sample ID: 890-9816-5 MSD
Matrix: Solid
Analysis Batch: 138817

Client Sample ID: SW33
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	67.7		248	303.4		mg/Kg		95	90 - 110	1	20

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

GC VOA

Prep Batch: 139229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-6	SW34	Total/NA	Solid	5035	
890-9816-7	FS 82	Total/NA	Solid	5035	
890-9816-8	SW36	Total/NA	Solid	5035	
890-9816-9	SW37	Total/NA	Solid	5035	
MB 880-139229/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139229/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139229/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71237-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-71237-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 139230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Total/NA	Solid	5035	
890-9816-2	SS28	Total/NA	Solid	5035	
890-9816-3	SS29	Total/NA	Solid	5035	
890-9816-4	SS30	Total/NA	Solid	5035	
890-9816-5	SW33	Total/NA	Solid	5035	
MB 880-139230/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139230/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139230/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71235-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-71235-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 139324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-6	SW34	Total/NA	Solid	8021B	139229
890-9816-7	FS 82	Total/NA	Solid	8021B	139229
890-9816-8	SW36	Total/NA	Solid	8021B	139229
890-9816-9	SW37	Total/NA	Solid	8021B	139229
MB 880-139229/5-A	Method Blank	Total/NA	Solid	8021B	139229
MB 880-139452/5-A	Method Blank	Total/NA	Solid	8021B	139452
LCS 880-139229/1-A	Lab Control Sample	Total/NA	Solid	8021B	139229
LCSD 880-139229/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139229
880-71237-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	139229
880-71237-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	139229

Prep Batch: 139452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139452/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 139469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Total/NA	Solid	8021B	139230
890-9816-2	SS28	Total/NA	Solid	8021B	139230
890-9816-3	SS29	Total/NA	Solid	8021B	139230
890-9816-4	SS30	Total/NA	Solid	8021B	139230
890-9816-5	SW33	Total/NA	Solid	8021B	139230
MB 880-139230/5-A	Method Blank	Total/NA	Solid	8021B	139230
LCS 880-139230/1-A	Lab Control Sample	Total/NA	Solid	8021B	139230
LCSD 880-139230/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139230
880-71235-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	139230

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

GC VOA (Continued)

Analysis Batch: 139469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71235-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	139230

Analysis Batch: 139628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Total/NA	Solid	Total BTEX	
890-9816-2	SS28	Total/NA	Solid	Total BTEX	
890-9816-3	SS29	Total/NA	Solid	Total BTEX	
890-9816-4	SS30	Total/NA	Solid	Total BTEX	
890-9816-5	SW33	Total/NA	Solid	Total BTEX	
890-9816-6	SW34	Total/NA	Solid	Total BTEX	
890-9816-7	FS 82	Total/NA	Solid	Total BTEX	
890-9816-8	SW36	Total/NA	Solid	Total BTEX	
890-9816-9	SW37	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Total/NA	Solid	8015NM Prep	
890-9816-2	SS28	Total/NA	Solid	8015NM Prep	
MB 880-138537/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138537/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138537/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9812-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9812-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 138538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-3	SS29	Total/NA	Solid	8015NM Prep	
890-9816-4	SS30	Total/NA	Solid	8015NM Prep	
890-9816-5	SW33	Total/NA	Solid	8015NM Prep	
890-9816-6	SW34	Total/NA	Solid	8015NM Prep	
890-9816-7	FS 82	Total/NA	Solid	8015NM Prep	
890-9816-8	SW36	Total/NA	Solid	8015NM Prep	
890-9816-9	SW37	Total/NA	Solid	8015NM Prep	
MB 880-138538/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138538/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138538/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9816-3 MS	SS29	Total/NA	Solid	8015NM Prep	
890-9816-3 MSD	SS29	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Total/NA	Solid	8015B NM	138537
890-9816-2	SS28	Total/NA	Solid	8015B NM	138537
MB 880-138537/1-A	Method Blank	Total/NA	Solid	8015B NM	138537
LCS 880-138537/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138537
LCSD 880-138537/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138537
890-9812-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138537
890-9812-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138537

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

GC Semi VOA

Analysis Batch: 139009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-3	SS29	Total/NA	Solid	8015B NM	138538
890-9816-4	SS30	Total/NA	Solid	8015B NM	138538
890-9816-5	SW33	Total/NA	Solid	8015B NM	138538
890-9816-6	SW34	Total/NA	Solid	8015B NM	138538
890-9816-7	FS 82	Total/NA	Solid	8015B NM	138538
890-9816-8	SW36	Total/NA	Solid	8015B NM	138538
890-9816-9	SW37	Total/NA	Solid	8015B NM	138538
MB 880-138538/1-A	Method Blank	Total/NA	Solid	8015B NM	138538
LCS 880-138538/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138538
LCSD 880-138538/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138538
890-9816-3 MS	SS29	Total/NA	Solid	8015B NM	138538
890-9816-3 MSD	SS29	Total/NA	Solid	8015B NM	138538

Analysis Batch: 139190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Total/NA	Solid	8015 NM	
890-9816-2	SS28	Total/NA	Solid	8015 NM	
890-9816-3	SS29	Total/NA	Solid	8015 NM	
890-9816-4	SS30	Total/NA	Solid	8015 NM	
890-9816-5	SW33	Total/NA	Solid	8015 NM	
890-9816-6	SW34	Total/NA	Solid	8015 NM	
890-9816-7	FS 82	Total/NA	Solid	8015 NM	
890-9816-8	SW36	Total/NA	Solid	8015 NM	
890-9816-9	SW37	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Soluble	Solid	DI Leach	
890-9816-2	SS28	Soluble	Solid	DI Leach	
890-9816-3	SS29	Soluble	Solid	DI Leach	
890-9816-4	SS30	Soluble	Solid	DI Leach	
MB 880-138667/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138667/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138667/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9812-A-17-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9812-A-17-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 138670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-5	SW33	Soluble	Solid	DI Leach	
890-9816-6	SW34	Soluble	Solid	DI Leach	
890-9816-7	FS 82	Soluble	Solid	DI Leach	
890-9816-8	SW36	Soluble	Solid	DI Leach	
890-9816-9	SW37	Soluble	Solid	DI Leach	
MB 880-138670/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138670/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138670/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9816-5 MS	SW33	Soluble	Solid	DI Leach	
890-9816-5 MSD	SW33	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

HPLC/IC

Analysis Batch: 138816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-1	SS27	Soluble	Solid	300.0	138667
890-9816-2	SS28	Soluble	Solid	300.0	138667
890-9816-3	SS29	Soluble	Solid	300.0	138667
890-9816-4	SS30	Soluble	Solid	300.0	138667
MB 880-138667/1-A	Method Blank	Soluble	Solid	300.0	138667
LCS 880-138667/2-A	Lab Control Sample	Soluble	Solid	300.0	138667
LCSD 880-138667/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138667
890-9812-A-17-C MS	Matrix Spike	Soluble	Solid	300.0	138667
890-9812-A-17-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138667

Analysis Batch: 138817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9816-5	SW33	Soluble	Solid	300.0	138670
890-9816-6	SW34	Soluble	Solid	300.0	138670
890-9816-7	FS 82	Soluble	Solid	300.0	138670
890-9816-8	SW36	Soluble	Solid	300.0	138670
890-9816-9	SW37	Soluble	Solid	300.0	138670
MB 880-138670/1-A	Method Blank	Soluble	Solid	300.0	138670
LCS 880-138670/2-A	Lab Control Sample	Soluble	Solid	300.0	138670
LCSD 880-138670/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138670
890-9816-5 MS	SW33	Soluble	Solid	300.0	138670
890-9816-5 MSD	SW33	Soluble	Solid	300.0	138670

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SS27
Date Collected: 04/21/26 09:38
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	139230	04/28/26 11:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139469	04/30/26 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	04/30/26 22:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 21:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138537	04/21/26 18:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139007	04/26/26 21:34	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138667	04/22/26 16:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138816	04/24/26 16:00	CS	EET MID

Client Sample ID: SS28
Date Collected: 04/21/26 09:40
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	139230	04/28/26 11:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139469	04/30/26 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	04/30/26 23:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 21:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138537	04/21/26 18:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139007	04/26/26 21:55	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138667	04/22/26 16:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138816	04/24/26 16:14	CS	EET MID

Client Sample ID: SS29
Date Collected: 04/21/26 09:43
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139230	04/28/26 11:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139469	04/30/26 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	04/30/26 23:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 14:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 14:25	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138667	04/22/26 16:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138816	04/24/26 16:19	CS	EET MID

Client Sample ID: SS30
Date Collected: 04/21/26 09:46
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	139230	04/28/26 11:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139469	05/01/26 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	05/01/26 00:00	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: SS30
Date Collected: 04/21/26 09:46
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			139190	04/26/26 15:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 15:27	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138667	04/22/26 16:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138816	04/24/26 16:24	CS	EET MID

Client Sample ID: SW33
Date Collected: 04/21/26 10:40
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	139230	04/28/26 11:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139469	05/01/26 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	05/01/26 00:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 15:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 15:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138670	04/22/26 16:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138817	04/25/26 21:11	CS	EET MID

Client Sample ID: SW34
Date Collected: 04/21/26 10:45
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	05/01/26 05:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 16:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 16:07	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138670	04/22/26 16:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138817	04/25/26 21:25	CS	EET MID

Client Sample ID: FS 82
Date Collected: 04/21/26 11:27
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	05/01/26 05:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 16:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 16:28	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Client Sample ID: FS 82
Date Collected: 04/21/26 11:27
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	138670	04/22/26 16:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138817	04/25/26 21:30	CS	EET MID

Client Sample ID: SW36
Date Collected: 04/21/26 12:42
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	05/01/26 06:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 16:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 16:48	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138670	04/22/26 16:28	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138817	04/25/26 21:35	CS	EET MID

Client Sample ID: SW37
Date Collected: 04/21/26 13:08
Date Received: 04/21/26 16:13

Lab Sample ID: 890-9816-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139628	05/01/26 06:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139190	04/26/26 17:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138538	04/21/26 18:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139009	04/26/26 17:08	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138670	04/22/26 16:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138817	04/25/26 21:40	CS	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704400. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: Poker Lake Unit 30-19 BS 154H

Job ID: 890-9816-1
SDG: 03C1558583

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9816-1	SS27	Solid	04/21/26 09:38	04/21/26 16:13	SURFACE
890-9816-2	SS28	Solid	04/21/26 09:40	04/21/26 16:13	SURFACE
890-9816-3	SS29	Solid	04/21/26 09:43	04/21/26 16:13	SURFACE
890-9816-4	SS30	Solid	04/21/26 09:46	04/21/26 16:13	SURFACE
890-9816-5	SW33	Solid	04/21/26 10:40	04/21/26 16:13	0-2
890-9816-6	SW34	Solid	04/21/26 10:45	04/21/26 16:13	0-2
890-9816-7	FS 82	Solid	04/21/26 11:27	04/21/26 16:13	2
890-9816-8	SW36	Solid	04/21/26 12:42	04/21/26 16:13	1-2'
890-9816-9	SW37	Solid	04/21/26 13:08	04/21/26 16:13	0-2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-9816 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum, LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy	Address:	3104 E Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbd, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 BS 154H	Turn Around	
Project Number:	03C1558583	☑ Routine ☐ Rush	
Project Location:	32.107150, -103.817460	Due Date:	
Sampler's Name:	Johnny Rios	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	TNM007	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.8	
Total Containers:		Corrected Temperature:	3.6	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	CHLORIDES	TPH	BTEX	Sample Comments
CS137	S	4/21/26	0938	Surface	G	1	✓	✓	✓	Incident: nAPP2434530896
CS138			0940		G					Cost Center: 2258891001
CS139			0943		G					GFCM: 48605000
CS 140			0946		G					
SW33			1040	0-2'	C					Add Emails:
SW34			1045	0-2'	C					jorios@ensolum.com
FS82			1127	2'	C					richard.kotzur@exxonmobil.com
SW36		TH	1242	0-2'	C					robert.d.woodall@exxonmobil.com
SW37			1308	0-2'	C					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		16:13 4/21	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 6/8/2026 4:15:53 PM

6/8/2026 (Rev. 1)

Released to Imaging: 6/30/2026 3:18:08 PM

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Received by OCD: 6/8/2026 4:15:53 PM

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Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-9816 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Tracy Hillard	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum, LLC	Company Name:	XTO Energy, Inc.
Address:	3122 National Parks Hwy	Address:	3104 E Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbd, NM 88220
Phone:	575-937-3906	Email:	thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Poker Lake Unit 30-19 BS 154H	Turn Around	☑ Routine ☐ Rush
Project Number:	03C1558583	Due Date:	
Project Location:	32.107150, -103.817460	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Johnny Rios		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	TNR007	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.8	
Total Containers:		Corrected Temperature:	3.6	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	CHLORIDES	TPH	BTEX
CS137	S	4/21/26	0938	Surface	G	1	✓	✓	✓
CS138			0940		G				
CS139			0943		G				
CS 140			0946		G				
SW33			1040	0-2'	C				
SW34			1045	0-2'	C				
FS82			1127	2'	C				
SW36			1242	0-2'	C				
SW37			1308	0-2'	C				

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Incident: nAPP2434530896
Cost Center: 2258891001
GFCM: 48605000

Add Emails:
jorios@ensolum.com
richard.kotzur@exxonmobil.com
robert.d.woodall@exxonmobil.com

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		16:13 4/21	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6831.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9816-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/27/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Poker lake unit 30-19 BS 154H	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
CS 137 (890-9816-1)	4/21/26	09:38 Mountain	G	Solid			X	X	X	X	X								1	
CS 138 (890-9816-2)	4/21/26	09:40 Mountain	G	Solid			X	X	X	X	X								1	
CS 139 (890-9816-3)	4/21/26	09:43 Mountain	G	Solid			X	X	X	X	X								1	
CS 140 (890-9816-4)	4/21/26	09:46 Mountain	G	Solid			X	X	X	X	X								1	
SW33 (890-9816-5)	4/21/26	10:40 Mountain	G	Solid			X	X	X	X	X								1	
SW34 (890-9816-6)	4/21/26	10:45 Mountain	G	Solid			X	X	X	X	X								1	
FS 82 (890-9816-7)	4/21/26	11:27 Mountain	G	Solid			X	X	X	X	X								1	
SW36 (890-9816-8)	4/21/26	12:42 Mountain	G	Solid			X	X	X	X	X								1	
SW37 (890-9816-9)	4/21/26	13:08 Mountain	G	Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

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Received by OCD: 6/8/2026 4:15:53 PM
6/8/2026 (Rev. 1)
Page 37 of 39
Released to Imaging: 6/30/2026 3:18:08 PM

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9816-1
SDG Number: 03C1558583

Login Number: 9816
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	N/A	Refer to Job Narrative for details.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9816-1
SDG Number: 03C1558583

Login Number: 9816
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/21/26 09:35 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2434530896**
Incident Name	**NAPP2434530896 POKER LAKE UNIT 30-19 BS 154H @ 30-015-53439**
Incident Type	**Release Other**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-53439] POKER LAKE UNIT 30 19 BS #154H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	POKER LAKE UNIT 30-19 BS 154H
Date Release Discovered	12/09/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error | Tank (Any) | Crude Oil | Released: 113 BBL | Recovered: 77 BBL | Lost: 36 BBL.
Produced Water Released (bbls) Details	Cause: Human Error | Tank (Any) | Produced Water | Released: 429 BBL | Recovered: 293 BBL | Lost: 136 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	Cause: Human Error | Tank (Any) | Natural Gas Vented | Released: 153 MCF | Recovered: 0 MCF | Lost: 153 MCF.
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)	*Not answered.*

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/08/2026

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	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	OCD Imaging Records Lookup
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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (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 contamination 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, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	14600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1140
GRO+DRO (EPA SW-846 Method 8015M)	991
BTEX (EPA SW-846 Method 8021B or 8260B)	5
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	12/16/2024
On what date will (or did) the final sampling or liner inspection occur	05/20/2026
On what date will (or was) the remediation complete(d)	05/20/2026
What is the estimated surface area (in square feet) that will be reclaimed	41194
What is the estimated volume (in cubic yards) that will be reclaimed	2500
What is the estimated surface area (in square feet) that will be remediated	41194
What is the estimated volume (in cubic yards) that will be remediated	2500
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/08/2026
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.	

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 (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**584740**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**05/22/2026**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**2000**

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	41194
What was the total volume (cubic yards) remediated	2500
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	41194
What was the total volume (in cubic yards) reclaimed	2500
Summarize any additional remediation activities not included by answers (above)	Excavation activities were conducted at the Site as indicated in the Work Plan to address the December 9, 2024, release of produced water, crude oil, and vented natural gas. Laboratory analytical results for all excavation soil samples collected indicate COC concentrations were compliant with the Closure Criteria. Based on the soil sample laboratory analytical results, no further remediation is required. The excavation will be backfilled with material purchased locally and the Site will be recontoured to match pre-existing site conditions. Excavation of soil has mitigated impacts exceeding the Closure Criteria at 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 nAPP2434530896.
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/08/2026

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 593282

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 593282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/30/2026