



August 24, 2026

New Mexico Oil Conservation Division

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

**Re: Remediation Work Plan
Highlander Compressor Station
Incident Number nAPP2606139393
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Remediation Work Plan (Work Plan)* to document assessment, delineation, and soil sampling activities at the Highlander Compressor Station (Site) following a fire. The following *Work Plan* describes delineation and soil sampling activities and proposes to excavate identified impacted soil.

SITE DESCRIPTION AND RELEASE SUMMARY

The release was initially reported in Unit F, Section 22, Township 24 South, Range 30 East, but after review of release location and photographs taken during the Site assessment, it was confirmed that the fire extended into Units F through J of Section 22, Township 24 South, Range 30 East. The release is located in Eddy County, New Mexico (32.205257°, -103.869405°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On February 25, 2026, a flare malfunction resulting in a flare fire that ignited the adjacent pasture grass due to high winds. No fluids were released. Eddy County Fire Department responded and extinguished the fire. Approximately 1,357,910 square feet of pasture grass were impacted by the fire. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on March 2, 2026, to the New Mexico Oil Conservation Division (NMOCD). The release was assigned Incident Number nAPP2606139393.

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 the nearest groundwater well data. On January 16, 2025, a New Mexico Office of the State Engineer (NMOSE) permitted well (C-4911) was advanced to a depth of 104 feet bgs approximately 0.28 miles north of the Site. No groundwater or moisture was encountered during drilling operations.

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The well was properly plugged and 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 an intermittently flooded, discontinuous riverine located within the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

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

SAMPLING PLAN AND NMOCD CORRESPONDENCE

On April 22, 2026, Ensolum submitted a Sampling Plan to the NMOCD via email that included a variance to utilize delineation soil samples as confirmation soil samples, considering the incident was a fire with no fluids released. On June 8, 2026, the NMOCD responded with approval of the Sampling Plan and variance with the following conditions.

- The responsible party must collect at surface (0ft), 1ft, 2ft, 3ft, and 4ft.
- Additional samples must be collected as described above from any wet or discolored areas.
- A C-141N must be submitted two business days prior to collecting samples per 10.15.29.12.D.1.A.
- If any impacts are found during these activities, delineation must be completed and a remediation plan must be submitted through the OCD Permitting website.
- Site photographs of the sampling points.
- The acceptance of this alternative sampling plan by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. If the applicable land managing agency does not agree and requires a more stringent sampling plan, the more stringent requirements must be met regardless of OCD's approval. Include a copy of the correspondence with any other regulatory agencies in the next C-141 submittal.
- Submit a complete and accurate report through the OCD Permitting website by 8/24/2026.

Following approval of the Sampling Plan and variance, delineation soil sampling activities were warranted. The Sampling Plan and variance email correspondence is included in Appendix B.

DELINEATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between June 9 and July 22, 2026, Ensolum personnel visited the Site to conduct delineation activities. Seventy-four boreholes, SS01 through SS32 and BH01 through BH42, were advanced via hand auger. The boreholes were advanced to a maximum terminal depth of 4 feet bgs. Discrete soil samples were collected from the boreholes at depths ranging from ground surface to 4 feet bgs. Auger refusal was reached at varying depths throughout the area of investigation due to an underlying competent formation that the hand auger could not penetrate. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included on the respective lithologic logs and in Appendix D.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method 4500.

On August 13, 2026, Ensolum personnel returned to the Site to collect additional delineation soil samples. During delineation laboratory analytical review, it was determined that SS07 was inadvertently skipped; delineation soil sample SS07 was advanced via hand auger to a terminal depth of 4 feet bgs. In addition, delineation soil samples SS33 through SS36 were collected at ground surface in the vicinity of BH42. The samples were field screened using the methods described above and transported under strict chain-of-custody procedures to Cardinal for analysis of the same COCs provided above.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all delineation soil samples, with the exception of BH42 at ground surface, indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for delineation soil sample BH42 collected at ground surface indicated TPH concentrations exceeded Closure Criteria; however, due to the location of the impacted soil being 0.33 miles southeast of the compressor facility, and the impacts being isolated from any other nearby soil sample collected, it is likely these impacts are unrelated to fire incident. Soil sample BH42 is laterally defined by SS33 through SS36 and vertically defined by BH42A at 1-foot bgs. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix E.

PROPOSED REMEDIATION WORK PLAN

Although the impacted soil identified is not believed to be from the subject fire, excavation of the impacted soils will be completed. The delineation soil sample indicated soil containing elevated TPH concentrations exist to a maximum depth of 1-foot bgs. As such, XTO proposes completing the following remediation activities:

- Excavation of TPH impacted soil in the area of soil sample BH42. Following the removal of impacted soil, five-point confirmation soil samples will be collected at a sampling frequency

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representing no more than 200 square feet from the floor or sidewall of the excavated area; to confirm all COC concentrations are compliant with the Closure Criteria.

- An estimated 20 cubic yards of impacted soil will be excavated and disposed of at a New Mexico approved disposal facility.
- The excavation will be backfilled with locally procured material and recontoured to match pre-existing conditions. Pasture areas will be reseeded with the recommended BLM seed mix.

XTO believed this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD. XTO will complete the excavation and soil sampling activities within 90 days of the date of approval of this *Work Plan* by the NMOCD.

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

Sincerely,
Ensolum, LLC

A handwritten signature in black ink, appearing to read "Tracy Hillard".

Tracy Hillard
Project Engineer

A handwritten signature in black ink, appearing to read "Ben J. Belill".

Benjamin J. Belill
Senior Geologist

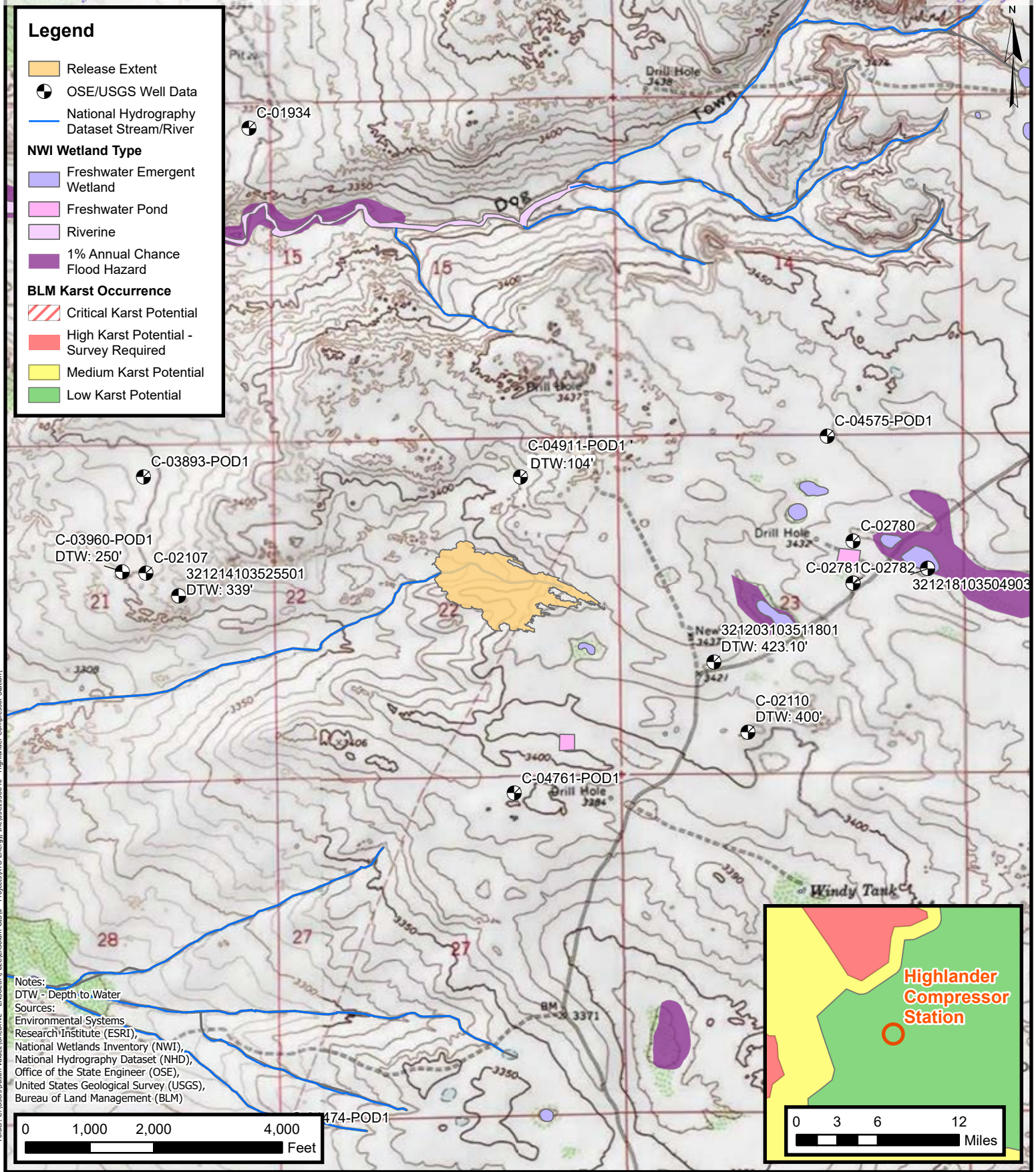
cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	NMOCD Correspondence
Appendix C	Lithologic / Soil Sampling Logs
Appendix D	Photographic Log
Appendix E	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix F	Spill Volume Calculation



FIGURES



Site Receptor Map

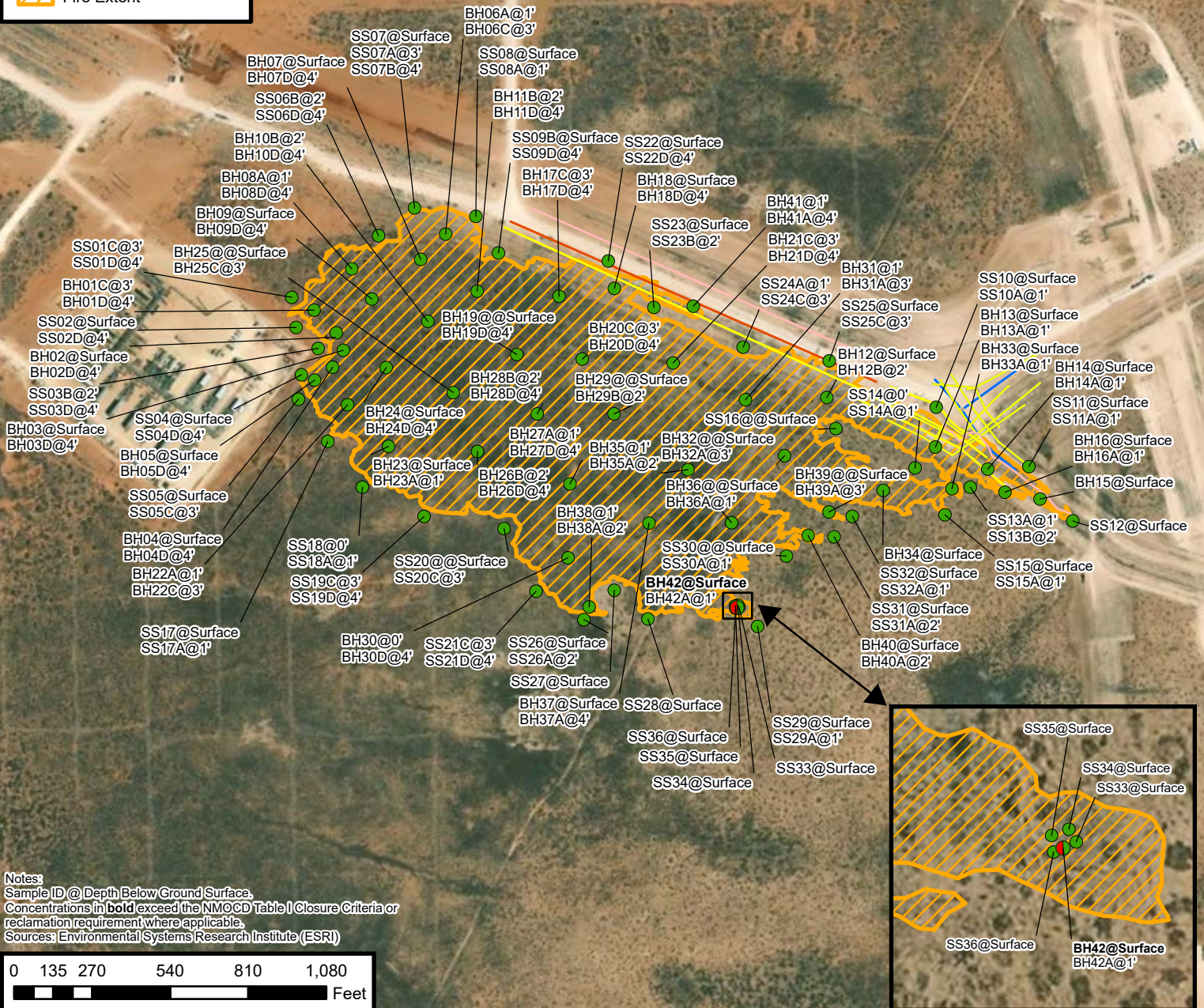
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Unit F through Unit J, Section 22, T 24S, R 30E
Eddy County, New Mexico

FIGURE

1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Oil and Gas Utility Line
- Electric Utility Line
- Water Utility Line
- Proposed Pipeline
- Polyline
- ▨ Fire Extent



Confirmation Soil Sample Location

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 Unit F, Section 22, T 24S, R 30E
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FIGURE

2



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Highlander Compressor Station
 XTO Energy, Inc
 Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01C	06/09/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS01D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS02	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS02D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS03B	06/09/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS03D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS04	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS05	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS05C	06/09/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS06B	06/09/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS06D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS07	08/13/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS07A	08/13/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS07B	08/13/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS08	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS08A	06/09/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS09B	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS09D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS10	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS10A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS11	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS11A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS12	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS13A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS13B	06/10/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS14	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS14A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS15	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS15A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS16	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0



TABLE 1
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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	NE	100	600
SS17	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS17A	06/11/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS18	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS18A	06/11/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS19C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS19D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS20	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS20C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS21C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS21D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS22	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS22D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS23	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS23B	06/11/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS24A	06/11/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS24C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS25	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS25C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS26	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS26A	07/22/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS27	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS28	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS29	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS29A	07/22/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS30	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS30A	07/22/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS31	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS31A	07/22/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS32	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS32A	07/22/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS33	08/13/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS34	08/13/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0



TABLE 1
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Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
SS35	08/13/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS36	08/13/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH01C	06/09/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH01D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH02	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH02D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH03	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH03D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH04	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH04D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH05	06/09/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH05D	06/09/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH06A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH06C	06/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH07	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH07D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH08A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH08D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH09	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH09D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH10B	06/10/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH10D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH11B	06/10/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH11D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH12	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH12B	06/10/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH13	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH13A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH14	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH14A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH15	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Highlander Compressor Station
 XTO Energy, Inc
 Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
BH16	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH16A	06/10/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH17C	06/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH17D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH18	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH18D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH19	06/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH19D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH20C	06/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH20D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH21C	06/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH21D	06/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH22A	06/11/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH22C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH23	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH23A	06/11/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH24	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH24D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH25	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH25C	06/11/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH26B	06/11/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH26D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH27A	06/11/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH27D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH28B	06/11/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH28D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
BH29	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH29B	06/11/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH30	06/11/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH30D	06/11/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH31	07/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH31A	07/21/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0



TABLE 1
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 Highlander Compressor Station
 XTO Energy, Inc
 Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
BH32	07/21/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH32A	07/21/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH33	07/21/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH33A	07/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH34	07/21/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH35	07/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH35A	07/21/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH36	07/21/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH36A	07/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH37	07/21/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH37A	07/21/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
BH38	07/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH38A	07/21/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH39	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH39A	07/22/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH40	07/22/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH40A	07/22/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH41	07/22/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH41A	07/22/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH42	07/22/2026	Surface	<0.050	<0.300	<10.0	4,390	1,180	4,390	5,570	<16.0
BH42A	07/22/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S) C-4911			
	WELL OWNER NAME(S) XTO Energy, Inc.				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 3104 E. Greene St.				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 12	SECONDS 32.23 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	51	54.46 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NW NE Sec. 22, T 24S R30E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 01/16/2025	DRILLING ENDED 01/16/2025	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 1/16/25, 1/24/25	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl) FROM 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)
	0 104		±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A				

FOR OSE INTERNAL USE

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

FILE NO. C-4911	POD NO. 1	TRN NO. 771442
LOCATION 24S. 30E. 22 212	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	104	104	Sand, fine-grained, poorly-graded, unconsolidated, Reddish Brown	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	
					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:					TOTAL ESTIMATED WELL YIELD (gpm):	

5. TEST: RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. PLU 22 DTD CVB OSE DISTRICT ROSWELL NM 10 FEB '25 04:08 PM
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	DATE
	 Jackie D. Atkins (Feb 10, 2025 10:06 MST)	02/10/2025
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-4911	POD NO. 1	TRN NO. 771442	
LOCATION 24S-30E-22 213	WELL TAG ID NO. NA	PAGE 2 OF 2	



APPENDIX B

NMOCD Correspondence

From: [Tracy Hillard](#)
To: ["Minnix, Sharon, EMNRD"](#); [Hall, Brittany, EMNRD](#)
Cc: [Rodgers, Scott, EMNRD](#); [Enviro, OCD, EMNRD](#); [Tacoma Morrissey](#); [Ben Belill](#); [Jeremy Reich](#); [robert.d.woodall@exxonmobil.com](#); [richard.kotzur@exxonmobil.com](#); [Romero, Rosa, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393
Date: Tuesday, June 9, 2026 1:37:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)

Hi Sharon,

Thank you for your response and clarification. We will collect the soil delineation samples as requested and field screen and submit the highest field screening and terminal depth from each in accordance with 10.15.29.11.A.5.d. We have started delineation today and anticipate the activities to take 6 days, sample notifications have been submitted for this week. We anticipate no issues in meeting the proposed deadline.

Thank you,



Tracy Hillard
Project Engineer
575-937-3906
Ensolum, LLC
in f X

From: Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>
Sent: Monday, June 8, 2026 3:38 PM
To: Tracy Hillard <thillard@ensolum.com>; Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: Re: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

Some people who received this message don't often get email from sharon.minnix@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

Hi Tracy,

At this time the sampling plan and variance is approved with the following conditions:

- The responsible party must collect at surface (0ft), 1ft, 2ft, 3ft, and 4ft.
- Additional samples must be collected as described above from any wet or discolored areas.
- A C-141N must be submitted two business days prior to collecting samples per 10.15.29.12.D.1.A.
- If any impacts are found during these activities, delineation must be completed and a remediation plan must be submitted through the OCD Permitting website.
- Site photographs of the sampling points.
- The acceptance of this alternative sampling plan by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. If the applicable land managing agency does not agree and requires a more stringent sampling plan, the more stringent requirements must be met regardless of OCD's approval. Include a copy of the correspondence with any other regulatory agencies in the next C-141 submittal.
- Submit a complete and accurate report through the OCD Permitting website by 8/24/2026.

Please let me know if you have any questions.

Thank you,



**New Mexico Energy Minerals and Natural Resources
Department
Oil Conservation Division**

Sharon Minnix ● Senior Environmental Scientist

506 W. Texas Ave | Artesia, NM 88210

505.645.5282

Sharon.minnix@emnrd.nm.gov

[OCD Home - Oil Conservation](#)

Effective 05/27/2026: C-141N and C-141L Notice. This notice can be found at: [OCD - Operator Guidance - Oil Conservation](#) under "RELEASES AND REMEDIATION".

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/o cd/ ocd- announcements- and- notifications/> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/o cd/ ocd->

[announcements-and-notifications/](#) or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Tracy Hillard <thillard@ensolum.com>

Sent: Wednesday, June 3, 2026 11:29 AM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com <robert.d.woodall@exxonmobil.com>; richard.kotzur@exxonmobil.com <richard.kotzur@exxonmobil.com>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

Ms. Hall-

Thank you for your review of the characterization of the wetland and your clarification of sampling notification guidelines. As previously stated, we do not anticipate impacts to be identified due to the lack of fluids released. See modified variance below.

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

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

A Site Receptor Map is included in Figure 1.

XTO is submitting this variance request to utilize delineation soil samples as confirmation soil samples in the final report. On February 25, 2026, a flare malfunction resulted in a flare fire which ignited the adjacent pasture grass and the fire spread due to high winds. No fluids were released. Eddy County Fire Department responded and extinguished the fire. Approximately 1,357,910 square feet of pasture grasses were burned by the fire. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on March 2, 2026, to the New Mexico Oil Conservation Division (NMOCD) and NMOCD assigned Incident Number nAPP2606139393. To assess the scorched area, even though no fluids were released, XTO will collect 42 delineation soil borings (BH01 through BH42). Discrete soil samples will be collected at surface and 0.5 feet bgs to confirm the absence of impacts. In addition, XTO will collect 32 lateral

delineation soil samples (SS01 through SS32) to confirm the lateral extent. The proposed delineation soil sample locations are presented on Figure 2. The soil samples will be field screened for volatile organic compounds (VOCs) and chlorides and submitted to an approved laboratory for the analysis of benzene, BTEX, TPH, and chloride.

XTO is requesting a variance from 19.15.29.12 NMAC D. (1)(c) and requests approval to utilize the above-mentioned delineation soil samples as final closure samples, in-lieu of confirmation soil samples collected every 200-square foot. Sampling notifications will be submitted at least 48 hours in advance of all delineation soil sampling that will occur in order for the delineation soil samples to be potentially utilized as confirmation soil samples in the *Closure Request*. If any impacted soil is identified, appropriate remediation activities will be completed accordingly.

XTO is providing (1) a detailed statement: No fluids were released as a result of the flare fire. The 1,357,910 square feet of pasture that was affected was burned, not affected by fluids, as such confirmation soil sampling should not be required. In this instance we would request that the delineation soil samples- assuming analytical results are compliant with the Closure Criteria- provide sufficient documentation of absence of impacts resulting from the brush fire. Following a review of the analytical results of the delineation soil samples and assuming no impacts are identified, the area will be reseeded with the Bureau of Land Management (BLM) seed mix #2 or alternatively requested seed mix from the BLM; and (2) demonstration that the variance is equally protective of freshwater, public health, and the environment: Confirmation soil sampling in accordance with the rule would require collection of over 6,790 composite soil samples across this area, significantly increasing site traffic, soil disturbance, soil compaction, and further impact to relatively undisturbed areas, beyond the fire. Additionally, fire can be a natural and beneficial process in grassland ecosystems, often promoting nutrient cycling, reducing invasive species, and stimulating new vegetation growth. Rather than introducing additional disturbance through extensive sampling, reseeding is a typical best practice following fires and would better support natural recovery and restoration of the pasture. The proposed delineation soil sampling will adequately confirm the absence of impacts while minimizing unnecessary environmental disturbance.

XTO will initiate delineation activities within 2 weeks of approval of the variance. The delineation soil sampling is anticipated to take approximately 3 to 5 days. XTO will submit a *Remediation Work Plan* or *Closure Request* within 30 days of final receipt of the laboratory analytical data.

XTO respectfully requests approval of the variance request and asks that any additional conditions to grant approval from OCD be included in the response.

Tracy Hillard
Project Engineer



575-937-3906
Ensolum, LLC
in f X

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, June 2, 2026 3:58 PM
To: Tracy Hillard <thillard@ensolum.com>
Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

[**EXTERNAL EMAIL**]

Tracy,

If XTO plans to utilize delineation samples as final/confirmation samples, a variance request must be submitted and approved by the OCD prior to the samples being collected. Variance requests must include a detailed statement explaining the need for a variance; and a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment pursuant to 19.15.29.14 A. (1) and (2) NMAC>

If the variance request is approved, sampling notifications must be submitted at least two business days prior to conducting final sampling.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Tracy Hillard <thillard@ensolum.com>

Sent: Tuesday, June 2, 2026 2:54 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

Good afternoon-

We are anticipating on beginning delineation at the Highlander CS fire next week. Are sample notifications required for the delineation data if we intend to utilize it in a Closure Request?

We appreciate the clarification,



Tracy Hillard
Project Engineer
575-937-3906
Ensolum, LLC
in f X

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Sent: Monday, June 1, 2026 2:32 PM

To: Tracy Hillard <thillard@ensolum.com>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

[**EXTERNAL EMAIL**]

Tracy,

If there is no deviation from the most stringent closure criteria found on Table I of 19.15.29 NMAC, delineation soil sampling can be completed, and a Remediation Work Plan can be submitted once the results are received.

If there will be any deviation away from the most stringent closure criteria, a wetland delineation must be performed by a certified professional wetland scientist.

The 90-day extension request is approved. The new due date is August 24, 2026.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor

Environmental Field Compliance Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

505.517.5333 | Brittany.Hall@emnrd.nm.gov

<http://www.emnrd.nm.gov/ocd/>

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The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Tracy Hillard <thillard@ensolum.com>

Sent: Monday, June 1, 2026 12:45 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

Ms. Hall-

Thank you for your review of the wetland characterization and for the clarification provided.

As previously stated, we do not anticipate impacts due to the lack of fluid release at the site.

Based on this understanding, if the strictest Table I standards are applied, can we proceed with delineation soil sampling and submit a Remediation Work Plan to present the analytical results and proposed next steps without conducting a wetland survey? Alternatively, please confirm if completion of a wetland survey is required regardless of applied Closure Criteria.

XTO intends to submit a Remediation Work Plan within 30 days of receipt of the final laboratory analytical data resulting from delineation activities. To accommodate this schedule, XTO respectfully requests a 90-day extension of the current May 26, 2026, deadline.



Tracy Hillard
Project Engineer
575-937-3906
Ensolum, LLC
in f X

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Sent: Thursday, May 28, 2026 11:39 AM

To: Tracy Hillard <thillard@ensolum.com>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

[**EXTERNAL EMAIL**]

Tracy,

The OCD will require the mapped riverine to be evaluated by a certified wetland scientist prior to approving the sampling plan. The responsible party must utilize a Professional Wetland Scientist (PWS) to conduct a Wetland Delineation Survey following the Corps of Engineers Wetlands Delineation Manual. The PWS is required to perform the review and sign off on all conducted surveys, using the Army Corps of Engineers Wetland Determination Data Sheets, Arid West Region. All parts of the wetland within 300 feet of any part of the release must be evaluated in the survey. A Wetland Delineation report is required to be included which should contain an executive summary of the survey including a description of the site location, sampling points, a scaled sampling diagram, captioned photographs of each sample point, completed Wetland Determination Data Sheets, conclusions/findings and a Curriculum Vitae from the PWS, to include their PWS

Certificate Number.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor

Environmental Field Compliance Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

505.517.5333 | Brittany.Hall@emnrd.nm.gov

<http://www.emnrd.nm.gov/ocd/>

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From: Tracy Hillard <thillard@ensolum.com>

Sent: Friday, May 22, 2026 12:40 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

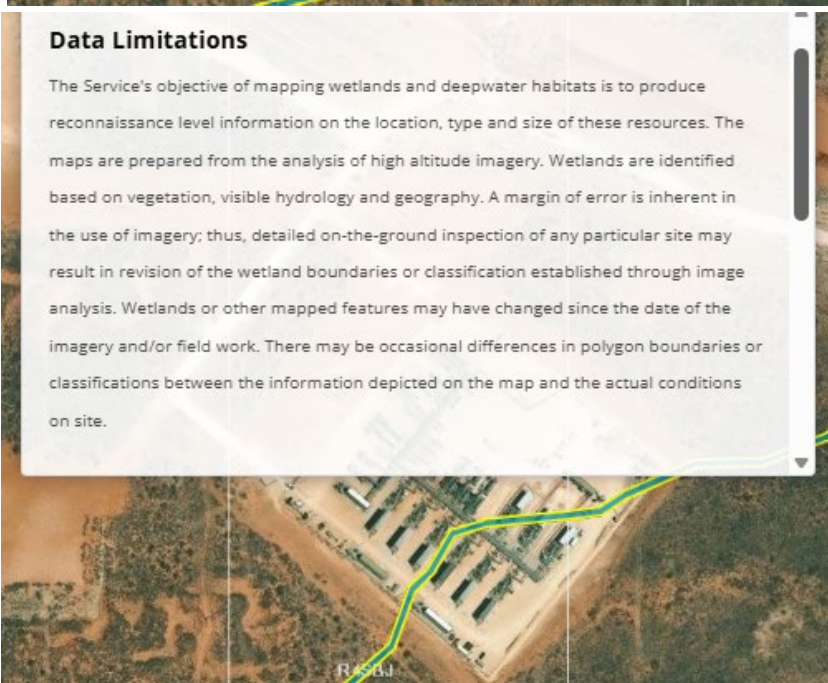
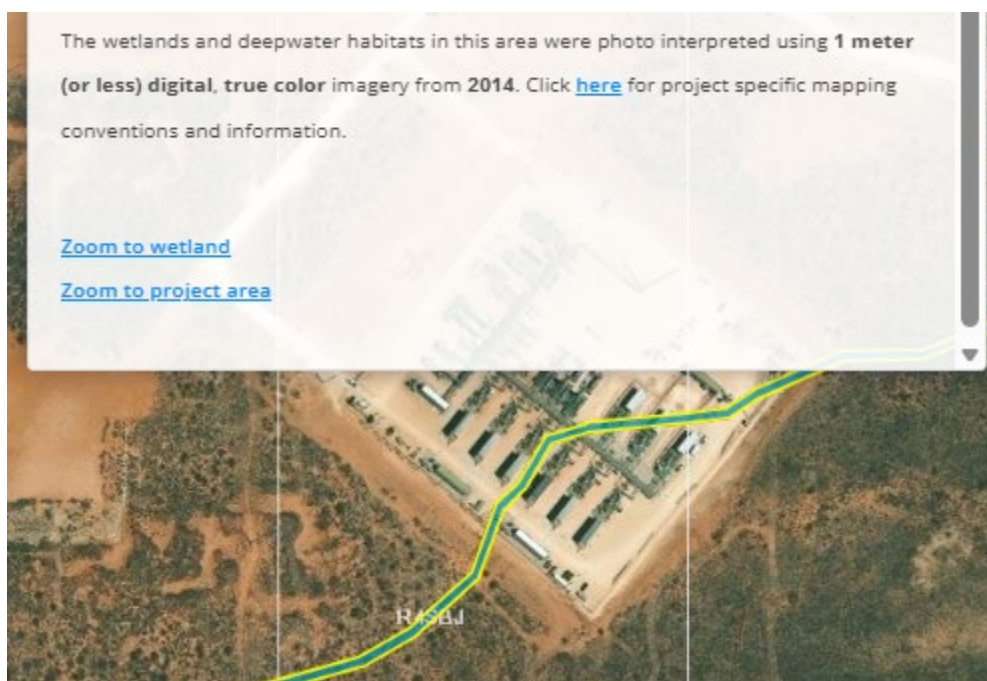
Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

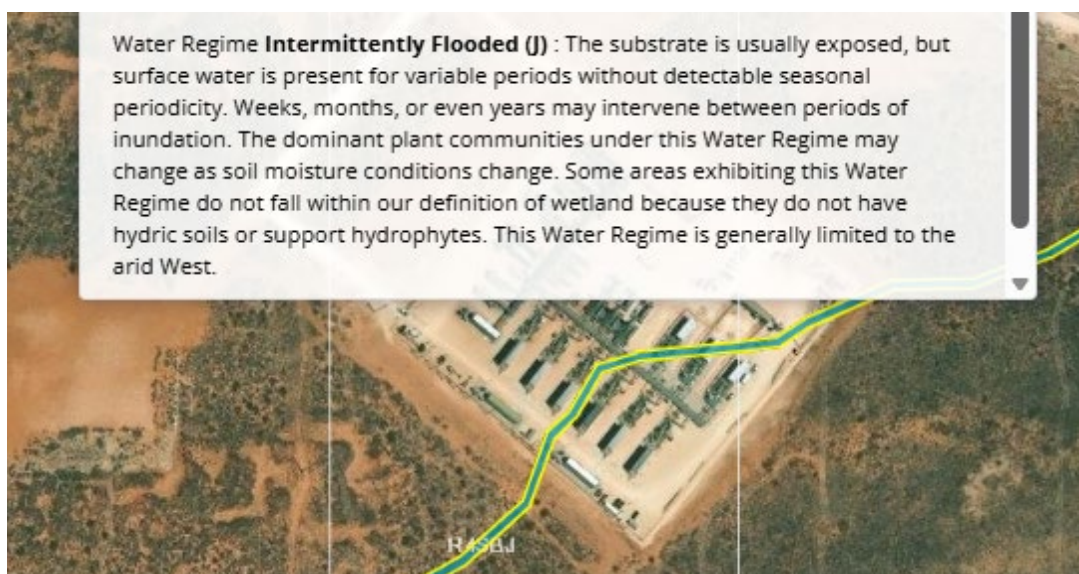
Hi Brittany,

Thank you for your reply and consideration. A formal wetland delineation was not conducted at the site by a certified wetland scientist. However, a review of available mapping resources and field observations was completed to assess the potential presence of wetlands.

The National Wetlands Inventory (NWI) indicates that mapped features are based on interpretation of surface waters and wetlands using 1-meter (or finer) digital true-color imagery from 2014. As such, the presence of a feature on the U.S. Fish and Wildlife Service Wetlands Mapper is not, in itself, a confirmation that the area meets the regulatory definition of a jurisdictional wetland.



The mapped feature is classified with the water regime Intermittently Flooded (J). Under this classification, the substrate is typically exposed, with surface water present only for variable and irregular periods. The NWI further notes that areas exhibiting this regime may not qualify as wetlands if they lack hydric soils and do not support hydrophytic vegetation—conditions that were not observed during site reconnaissance and are very typical of this region (arid west). Based on field observations and application of the appropriate classification criteria (R4SBJ), the area was not identified as a wetland, but considered as a potential watercourse (Riverine, intermittent streambed) which determined to be absent during the pedestrian survey.



Notwithstanding this determination, and as a conservative measure to ensure compliance with applicable Reclamation Requirements, the most stringent standards are being applied to the upper four feet of the fire-affected area. This depth encompasses the interpreted extent of the mapped feature, despite the absence of wetland indicators in the field. Additionally, no fluids were released at the site. The only disturbance observed resulted from a brush fire, and impacted soils are not expected to be encountered during assessment activities.

Given these conditions, completion of a formal wetland delineation by a certified wetland scientist is not expected to alter the proposed approach or the resulting protective measures. Accordingly, the proposed Sampling Plan and variance request remain protective of groundwater, human health, and the environment and XTO respectfully requests approval of the Sampling Plan and variance request and asks that any additional conditions from OCD be included in the response.

Thank you,



Tracy Hillard
Project Engineer
575-937-3906
Ensolum, LLC
in f X

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Sent: Friday, May 22, 2026 10:27 AM

To: Tracy Hillard <thillard@ensolum.com>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix,

Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

[**EXTERNAL EMAIL**]

Tracy,

The significant watercourse identified in the site characterization information is also considered a wetland. Was a wetland delineation, performed by a certified wetland scientist, performed at this site?

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

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From: Tracy Hillard <thillard@ensolum.com>

Sent: Thursday, May 14, 2026 6:45 AM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD
<OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill
<bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com;
richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix,
Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

Good morning Ms. Hall-

Thank you for reviewing the Sampling Plan for the pasture grass fire at the Highlander Compressor Station (Incident Number nAPP2606139393). Attached are the results of the

pedestrian watercourse survey that was completed on May 6, 2026, to verify if the feature complies with the definition of a significant watercourse per Subsection P of 19.15.17.7 NMAC. After review of the photographic documentation, no indications of a significant watercourse were identified at any point of the National Hydrography Dataset (NHD) mapped watercourse. The pedestrian watercourse survey path, and photos from the survey are depicted in Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of the off-pad area that was impacted by the incident, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. A Site Receptor Map is included in Figure 2.

Based on the confirmation of the Closure Criteria, XTO is submitting this Sampling Plan to confirm locations of delineation to assess the presence or absence of impacts related to the Incident. On February 25, 2026, a flare malfunction resulted in a flare fire which ignited the adjacent pasture grass and the fire spread due to high winds. No fluids were released. Eddy County Fire Department responded and extinguished the fire.

Approximately 1,357,910 square feet of pasture grasses were burned by the fire. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on March 2, 2026, to the New Mexico Oil Conservation Division (NMOCD) and NMOCD assigned Incident Number nAPP2606139393. To assess the scorched area, even though no fluids were released, XTO proposes to collect 42 delineation soil borings (BH01 through BH42). Discrete soil samples will be collected at surface and 0.5 feet bgs to confirm the absence of impacts. In addition, XTO proposes to collect 32 lateral delineation soil samples (SS01 through SS32) to confirm the lateral extent. The proposed delineation soil sample locations are presented on Figure 3. The soil samples will be field screened for volatile organic compounds (VOCs) and chlorides and submitted to an approved laboratory for the analysis of benzene, BTEX, TPH, and chloride.

With this proposed sampling plan, XTO is submitting a written request for a variance from 19.15.29.12 NMAC D. (1)(c) and requesting approval to utilize the above-mentioned

delineation soil samples as final closure samples, in-lieu of confirmation soil samples collected every 200-square foot. In support of this variance request, XTO is providing (1) a detailed statement: No fluids were released as a result of the flare fire. The 1,357,910 square feet of pasture that was affected was burned, not affected by fluids, as such confirmation soil sampling should not be required. In this instance we would request that the delineation soil samples- assuming analytical results are compliant with the Closure Criteria and reclamation requirement- provide sufficient documentation of absence of impacts resulting from the brush fire. Following a review of the analytical results of the delineation soil samples and assuming no impacts are identified, the area will be reseeded with the Bureau of Land Management (BLM) seed mix #2 or alternatively requested seed mix from the BLM; and (2) demonstration that the variance is equally protective of freshwater, public health, and the environment: Confirmation soil sampling in accordance with the rule would require collection of over 6,790 composite soil samples across this area, significantly increasing site traffic, soil disturbance, soil compaction, and further impact to relatively undisturbed areas, beyond the fire. Additionally, fire can be a natural and beneficial process in grassland ecosystems, often promoting nutrient cycling, reducing invasive species, and stimulating new vegetation growth. Rather than introducing additional disturbance through extensive sampling, reseeding is a typical best practice following fires and would better support natural recovery and restoration of the pasture. Site characterization has confirmed that no sensitive receptors are present in the area, and the proposed delineation soil sampling will adequately confirm the absence of impacts while minimizing unnecessary environmental disturbance.

XTO will initiate delineation activities within 2 weeks of approval of the Sampling Plan and variance request. The delineation soil sampling is anticipated to take approximately 3 to 5 days. XTO will submit a Closure Request or Remediation Work Plan, if needed, within 30 days of final receipt of the laboratory analytical data. To allow for this schedule, XTO respectfully requests a 90-day extension of the May 26, 2026, deadline.

XTO respectfully requests approval of the Sampling Plan and variance request and asks that any additional conditions from OCD be included in the response.

Thanks,



Tracy Hillard
Project Engineer
575-937-3906
Ensolum, LLC
in f X

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Sent: Wednesday, April 29, 2026 10:42 AM

To: Tracy Hillard <thillard@ensolum.com>

Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

[**EXTERNAL EMAIL**]

Tracy,

At this time, the alternative sampling plan is denied. OCD will not approve alternative sampling plans that have pending site characterization work (pedestrian watercourse survey). An alternative sampling plan can be submitted once all site characterization work is completed and a definitive Table I release closure criteria can be determined. Please be advised that the presence of lease roads and pads interrupting or disrupting the flow of any watercourse does not exclude these features from being defined as a watercourse. Pursuant to 19.15.29.13 A. "The responsible party must substantially restore the impacted surface areas to the condition that existed prior to the release or their final land use. Restoration of the site must include the replacement of removed material and must be replaced to the near original relative positions and contoured to achieve erosion control, long term stability and preservation of surface water flow patterns" and 19.15.29.13 D. NMAC, "Reclamation of areas no longer in use. The responsible party shall reclaim all areas disturbed by the remediation and closure, except areas reasonably needed for production operations or for subsequent drilling operations, as early and as nearly as practical to their original condition or their final land use and maintain those areas to control dust and minimize erosion to the extent practical."

Additionally, the variance to utilize the delineation soil samples as confirmation soil samples is denied. Pursuant to 19.15.29.14 A. NMAC, "A responsible party may file a written request for a variance from any requirement of 19.15.29 NMAC with the appropriate division district office. The variance request must include: (1) a detailed statement explaining the need for a variance; and (2) a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment." The variance request as written, does not include a detailed statement explaining the need for a variance or a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health, and the environment

A complete and accurate remediation plan or remediation closure report must be submitted through the OCD Permitting website by May 26, 2026.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

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From: Tracy Hillard <thillard@ensolum.com>
Sent: Wednesday, April 22, 2026 8:52 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Jeremy Reich <jreich@ensolum.com>; Woodall, Robert D <robert.d.woodall@exxonmobil.com>; Kotzur, Richard <richard.kotzur@exxonmobil.com>
Subject: [EXTERNAL] XTO - Sampling Plan - Highlander Compressor Station - nAPP2606139393

You don't often get email from thillard@ensolum.com. [Learn why this is important](#)

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

Good morning-

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this Sampling Plan to confirm sampling locations at the Highlander Compressor Station (Site).

The incident was initially reported in Unit F, Section 22, Township 24 South, Range 30 East, but after review of incident location and photographs taken during the Site assessment, it was confirmed that the affected area extended into Units F through J, Section 22, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.205257°, -103.869405°) and is associated with oil and gas exploration and

production operations on Federal land managed by the Bureau of Land Management (BLM).

On February 25, 2026, a flare malfunction resulted in a flare fire which ignited the adjacent pasture grass and the fire spread due to high winds. No fluids were released. Eddy County Fire Department responded and extinguished the fire. Approximately 1,357,910 square feet of pasture grasses were burned by the fire. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on March 2, 2026, to the New Mexico Oil Conservation Division (NMOCD) and NMOCD assigned Incident Number nAPP2606139393.

The Site was characterized to determine the applicable Closure Criteria and assess for the presence of sensitive receptors. Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On January 16, 2025, a New Mexico Office of the State Engineer (NMOSE) permitted well (C-4911) was advanced to a depth of 105 feet bgs approximately 0.28 miles north of the Site. No groundwater or moisture was encountered during drilling operations. The well was properly plugged and abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log is included in Appendix A of the attached document.

The closest continuously flowing or significant watercourse to the Site is an intermittently flooded discontinuous riverine located within the Site. Based on a review of aerial imagery, it appears the discontinuous riverine no longer is present due to the presence of lease roads and pads. A pedestrian watercourse survey will be conducted to confirm the presence or absence of the mapped feature. The second closest continuously flowing or significant watercourse to the Site is an intermittently flooded continuous riverine located 3,544 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

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

- Chloride: 600 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of the off-pad area that was impacted by the incident, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation regardless of the results of the pedestrian watercourse survey.

Due to the high level of confidence that no fluids impacted the scorched area, XTO is proposing collection of delineation soil samples collected in 42 locations (BH01 through BH42). The soil samples will be collected at surface and 0.5 feet bgs to confirm the absence of impacts. In addition, XTO proposes collecting 32 lateral delineation samples (SS01 through SS32) to confirm the lateral extent. The proposed delineation soil sample locations are presented on Figure 2. The soil samples will be field screened for volatile organic compounds (VOCs) and chlorides and submitted to an approved laboratory for the analysis of benzene, BTEX, TPH, and chloride.

Following a review of the laboratory analytical results, if no impacted or waste-containing soil is identified, XTO requests a variance to utilize the delineation soil samples as confirmation soil samples. Soil sampling notifications will be submitted at least 48 hours in advance of the delineation soil sampling activities.

XTO requests approval of this Sampling Plan and communication of any additional sampling requests for Incident Number nAPP2606139393.

Thank you,



Tracy Hillard
Project Engineer
575-937-3906
Ensolum, LLC
in f X



APPENDIX C

Lithologic / Soil Sampling Logs

 ENSOLUM		Sample Name: SS01		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205414, -103.869622				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.7	N		0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<157	2.3	N		1	1		
D	<157	2.7	N		2	2		
D	<157	2.8	N	SS01C	3	3		
D	<157	2.1	N	SS01D	4	4		
Total Depth @ 4 feet bgs								
								

					Sample Name: SS02		Date: 6/09/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.205123, -103.869573					Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	2.0	N	SS02	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<157	2.1	N		1	1		
D	<157	1.9	N		2	2		
D	<157	1.4	N		3	3		
D	<157	2.5	N	SS02D	4	4		
Total Depth @ 4 feet bgs								
								

 ENSOLUM		Sample Name: SS03		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204924, -103.869332				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N	SS03B	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.0	N		1	1		
D	<162	0.7	N		2	2		
D	<162	0.0	N		3	3		
D	<162	0.0	N	SS03D	4	4		
Total Depth @ 4 feet bgs								
								

					Sample Name: SS04		Date: 6/09/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204677, -103.869521					Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.1	N	SS04	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.3	N		1	1		
D	<162	0.1	N		2	2		
D	<162	0.5	N		3	3		
D	<162	0.6	N	SS04D	4	4		
Total Depth @ 4 feet bgs								
								

		Sample Name: SS05		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204441, -103.869562				Hole Diameter: 4"		Total Depth: 3'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.6	N	SS05	0	0	SP-SM	(0-3'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<157	1.8	N		1	1		
D	<157	1.9	N		2	2		
D	<157	2.0	N	SS05C	3	3		
Refusal @ 3.25' Caliche Layer								
Total Depth @ 3' bgs								
								

 ENSOLUM		Sample Name: SS06		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204677, -103.869521				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N	SS06B	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.0	N		1	1		
D	<162	0.5	N		2	2		
D	<162	0.0	N		3	3		
D	<162	0.0	N	SS06D	4	4		
Total Depth @ 4 feet bgs								
								

					Sample Name: SS07		Date: 6/09/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.206278, -103.868250					Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.3	N	SS07	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.0	N		1	1		
D	<162	0.0	N		2	2		
D	<162	0.0	N		3	3		
D	<162	0.7	N	SS07D	4	4		
Total Depth @ 4 feet bgs								
								

		Sample Name: SS08		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.206173, -103.867552				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.2	N	SS08	0	0	SP-SM	(0-1'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.1	N	SS08A	1	1		Refusal @ 1.5' Caliche Layer
Total Depth @ 1 foot bgs								
East ☀ 87°E (T) ● 32.206168, -103.867587 ±9ft ▲ 3326ft 								
SS08				Highlander Compressor Station Jun 09 2026 14:49:05				

		Sample Name: SS09		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.205819, -103.867301			Logged By: MS		Method: Hand Auger			
			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N		0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.0	N		1	1		
D	<162	0.3	N	SS09B	2	2		
D	<162	0.3	N		3	3		
D	<162	0.2	N	SS09D	4	4		
Total Depth @ 4 feet bgs								
								

					Sample Name: SS10		Date: 06/10/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204975, -103.863940					Hole Diameter: 4"		Total Depth: 1'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.4	N	SS10	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.5	N	SS10A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								

 ENSOLUM		Sample Name: SS11		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203732, -103.861394				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.6	N	SS11	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.3	N	SS11A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
 Date & Time: Wed, Jun 10, 2026 at 11:44:59 MDT Position: +032.203717° / -103.861428° (±4.7m) Altitude: 1045m (±11.6m) Datum: WGS-84 Azimuth/Bearing: 345° N15W 6133mils True (±10°) Elevation Angle: -09.6° Horizon Angle: +00.7° Zoom: 1.0X SS11								

 ENSOLUM		Sample Name: SS13		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203535, -103.862051			Hole Diameter: 4"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.4	N		0	0	SP-SM	(0-2') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.7	N	SS13A	1	1		
D	<157	0.5	N	SS13B	2	2		
								Trace gravel and refusal @ 2'
Total Depth @ 2 feet bgs								
Date & Time: Wed, Jun 10, 2026 at 12:35:01 MDT Position: +032.203552° / -103.862028° (±2.7m) Altitude: 1045m (±4.6m) Datum: WGS-84 Azimuth/Bearing: 280° N80W 4978mils True (±10°) Elevation Angle: -11.4° Horizon Angle: -01.9° Zoom: 1.0X SS13 								

 ENSOLUM		Sample Name: SS14		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203733, -103.862673				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.6	N	SS14	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.7	N	SS14A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
Date & Time: Wed, Jun 10, 2026 at 12:13:22 MDT Position: +032.203734° / -103.862639° (±4.7m) Altitude: 1045m (±10.1m) Datum: WGS-84 Azimuth/Bearing: 288° N72W 5120mils True (±10°) Elevation Angle: -14.4° Horizon Angle: +00.1° Zoom: 1.0X SS14 								

 ENSOLUM		Sample Name: SS15		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203286, -103.862341			Logged By: MS		Method: Hand Auger			
Hole Diameter: 4"			Total Depth: 1'					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.3	N	SS15	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.4	N	SS15A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
 Date & Time: Wed, Jun 10, 2026 at 12:24:25 MDT Position: +032.203260° / -103.862325° (±2.0m) Altitude: 1044m (±4.5m) Datum: WGS-84 Azimuth/Bearing: 317° N43W 5636mils True (±10°) Elevation Angle: -12.4° Horizon Angle: +00.0° Zoom: 1.0X SS15								

					Sample Name: SS17		Date: 06/11/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204041, -103.869232					Hole Diameter: 4"		Total Depth: 1'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<184	7.9	N	SS17	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<184	8.4	N	SS17A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
North Elevation  176°S (T)  32.20406, -103.869237 ±16ft  3320ft 								
SS17					Highlander Compressor Station Jun 11 2026 10:40:40			

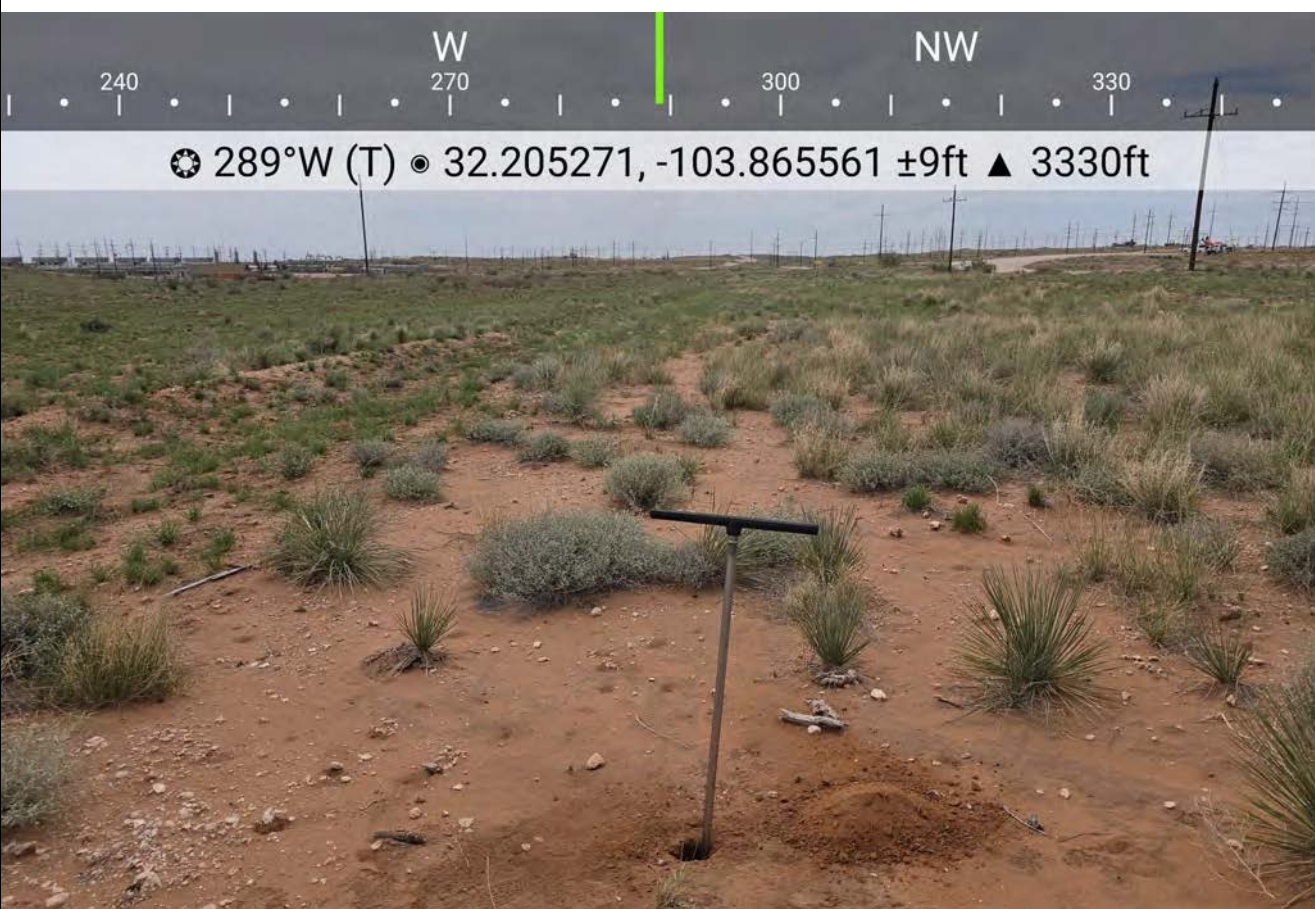
					Sample Name: SS18		Date: 6/11/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.203607, -103.868849					Hole Diameter: 4"		Total Depth: 1'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	10.4	N	SS18	0	0	SP-SM	(0-1') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	15.1	N	SS18A	1	1		(@1') Refusal
Total Depth @ 1 foot bgs								

		Sample Name: SS19		Date: 6/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203317, -103.868163			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	5.3	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	5.5	N		1	1		
D	<179	7.0	N		2	2		
D	<179	8.4	N	SS19C	3	3		
D	<179	5.5	N	SS19D	4	4		
Total Depth @ 4 feet bgs								

		Sample Name: SS20		Date: 06/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203194, -103.867274			Hole Diameter: 4"		Total Depth: 3'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<151	3.0	N	SS20	0	0	SP-SM	(0-3') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<151	3.0	N		1	1		
D	<151	3.4	N		2	2		
D	<151	5.3	N	SS20C	3	3		Refusal after 3'
Total Depth @ 3 feet bgs								
📍 197°S (T) 📍 32°12'11"N, 103°52'2"W ±13ft ▲ 3405ft 								
SS20 Ensolum, LLC				Highlander CS Jun 11 2026, 12:25:41				

		Sample Name: SS21		Date: 6/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.202599, -103.866926				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	6.1	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	5.4	N		1	1		
D	<179	6.8	N		2	2		
D	<179	7.3	N	SS21C	3	3		
D	<179	6.2	N	SS21D	4	4		
Total Depth @ 4 feet bgs								
South Elevation ☉ 329°NW (T) • 32.202593, -103.866936 ±9ft ▲ 3323ft  SS21 Highlander Compressor Station Jun 11 2026 12:22:54								

					Sample Name: SS22		Date: 6/11/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.205729, -103.866076					Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	6.8	N	SS22	0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	5.3	N		1	1		
D	<179	3.6	N		2	2		
D	<179	5	N		3	3		
D	<179	6.7	N	SS22D	4	4		
Total Depth @ 4 feet bgs								
								

		Sample Name: SS23		Date: 6/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.205282, -103.865568			Hole Diameter: 4"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	4	N	SS23	0	0	SP-SM	(0-2') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	4.6	N		1	1		
D	<179	5.8	N	SS23B	2	2		
Total Depth @ 2 feet bgs								
 289°W (T) 32.205271, -103.865561 ±9ft 3330ft								
SS23 Highlander Compressor Station Jun 11 2026 14:13:29								

 ENSOLUM		Sample Name: SS24		Date: 06/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204896, -103.864578				Hole Diameter: 4"		Total Depth: 3'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<151	7.6	N		0	0	SP-SM	(0-3') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<151	9.2	N	SS24A	1	1		
D	<151	6.7	N		2	2		
D	<151	5.3	N	SS24C	3	3		Refusal after 3'
Total Depth @ 3 feet bgs								
								
SS24				Highlander Compressor Station Jun 11 2026 14:24:57				

		Sample Name: SS25		Date: 06/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.204759, -103.863617			Hole Diameter: 4"		Total Depth: 3'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	352	6.1	N	SS25	0	0	SP-SM	(0-3') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	224	6.8	N		1	1		
D	<151	6.5	N		2	2		
D	<151	4.0	N	SS25C	3	3		Refusal after 3'
Total Depth @ 3 feet bgs								
								
SS25				Highlander Compressor Station Jun 11 2026 14:37:02				

		Sample Name: SS26		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.202321, -103.866390				Hole Diameter: 4"		Total Depth: 2'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	SS26	0	0	SP-SM	(0-2') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N		1	1		
D	<179	0	N	SS26A	2	2		
Total Depth 2 feet bgs								
								
227°SW (T) 32.202346°N, 103.866352°W ±16ft 3394ft								
								
SS26				Highlander Compressor Station 22 Jul 2026 11:19:40 MDT				

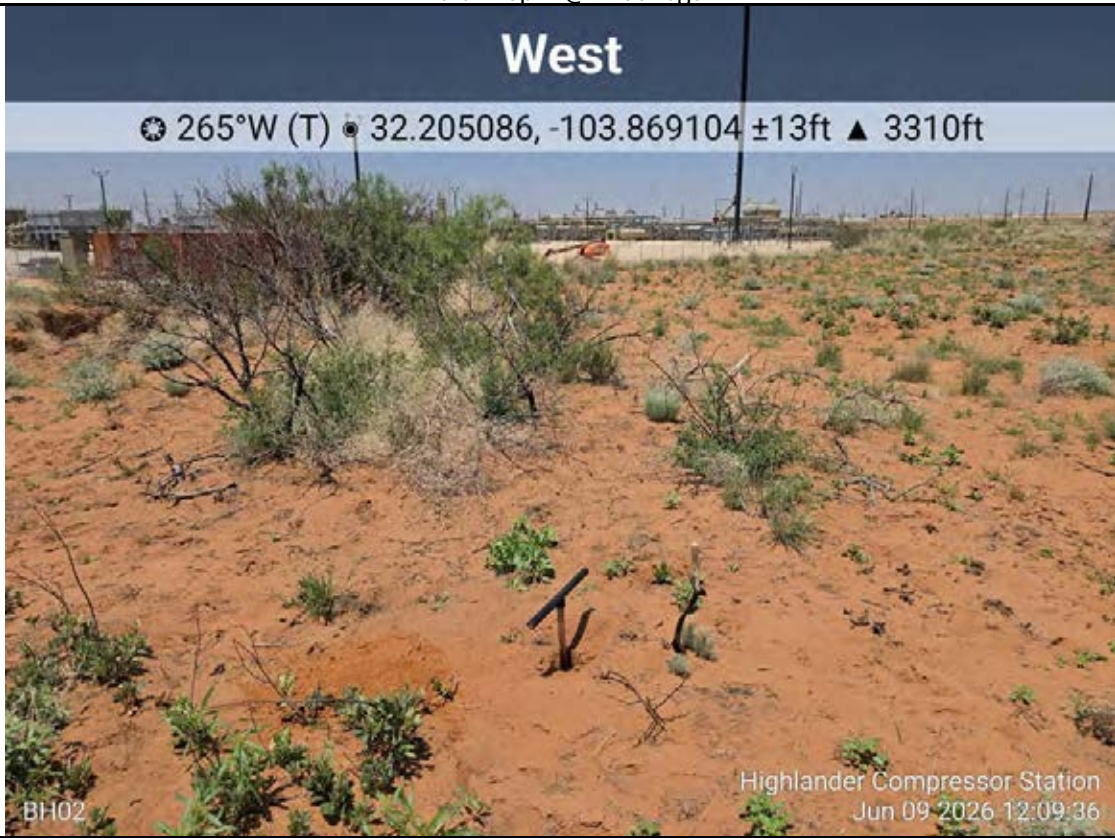
		Sample Name: SS29		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.202247, -103.864450				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	SS29	0	0	SP-SM	(0-1') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N	SS29A	1	1		(@1') Refusal
Total Depth 1 foot bgs								
 288°W (T) ● 32.202304, -103.864382 ±9ft ▲ 3323ft								
								
SS29 Ensolum, LLC				Highlander Compressor Station 22 Jul 2026 11:45:13				

		Sample Name: SS30		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.202906, -103.864118				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	SS30	0	0	SP-SM	(0-1') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N	SS30A	1	1		(@1') Refusal
Total Depth 1 foot bgs								
 277°W (T)  32.202919, -103.864083 ±9ft  3320ft 								
SS30 Ensolum, LLC				Highlander Compressor Station 22 Jul 2026 11:29:16				

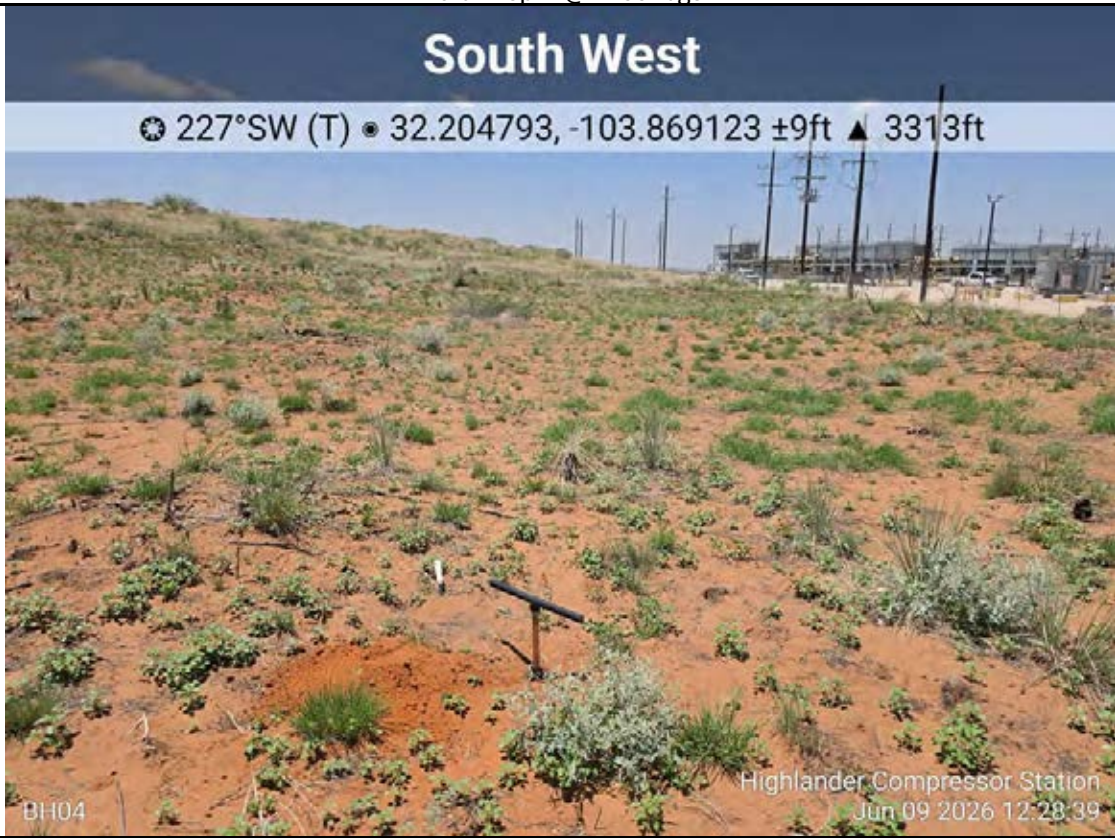
 ENSOLUM		Sample Name: SS31		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203085, -103.863581				Hole Diameter: 4"		Total Depth: 2'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	SS31	0	0	SP-SM	(0-2') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N		1	1		
D	<179	0	N	SS31A	2	2		
Total Depth 2 feet bgs								(@2') Refusal
📍 276°W (T) 📍 32.203097, -103.863573 ±9ft ▲ 3336ft 								
SS31 Ensolum LLC				Highlander Compressor Station 22 Jul 2026 11:59:41				

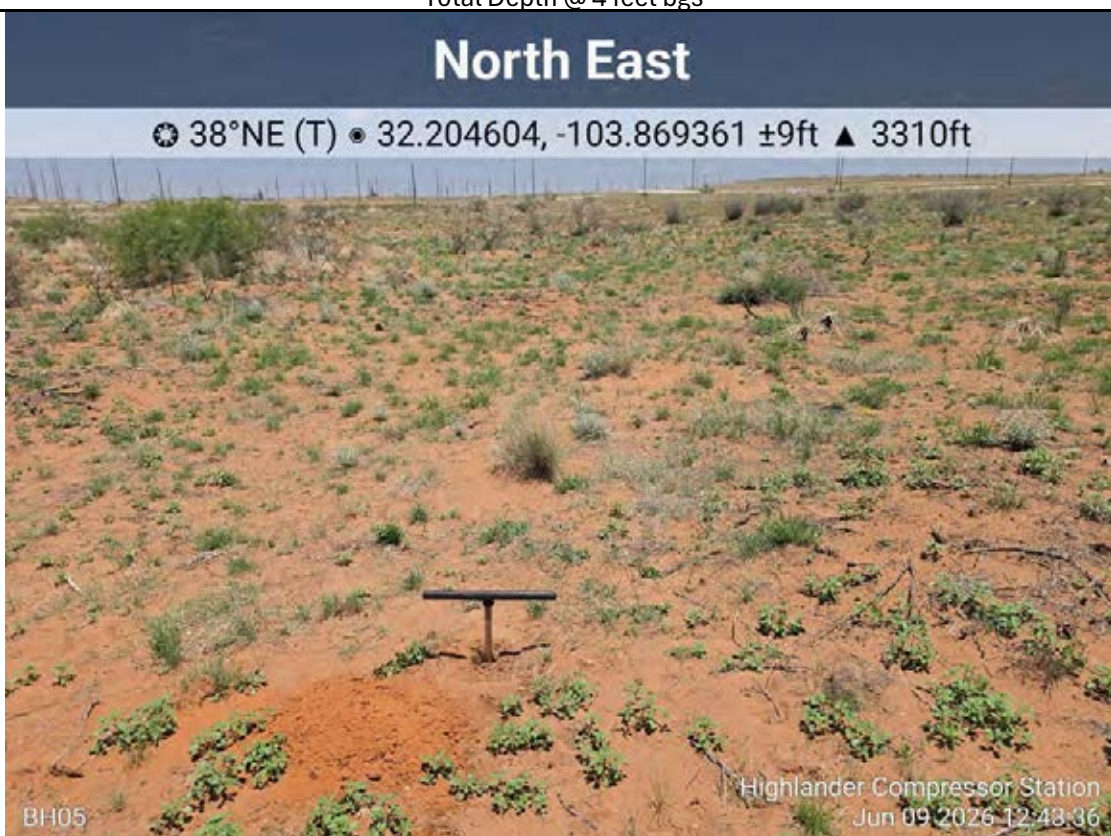
		Sample Name: SS32		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203276, -103.863375				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	SS32	0	0	SP-SM	(0-1') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N	SS32A	1	1		(@1') Refusal
Total Depth @ 1 foot bgs								
  262°W (T)  32.203285°N, 103.863386°W ±16ft  3414ft								
 Highlander Compressor Station 22 Jul 2026 12:14:49 MDT								

		Sample Name: BH01		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.205294, -103.869366			Logged By: MS		Method: Hand Auger			
			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.7	N		0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<157	2.1	N		1	1		
D	<157	3.1	N		2	2		
D	<157	3.3	N	BH01C	3	3		
D	<157	2.6	N	BH01D	4	4		
Total Depth @ 4 feet bgs								
								

					Sample Name: BH02		Date: 6/09/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.205074, -103.869131					Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	3.4	N	BH02	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<157	2.6	N		1	1		
D	<157	3.2	N		2	2		
D	<157	0.7	N		3	3		
D	<157	1.5	N	BH02D	4	4		
Total Depth @ 4 feet bgs								
								

 ENSOLUM		Sample Name: BH03		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204901, -103.869049				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.8	N	BH03	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<157	1.9	N		1	1		
D	<157	1.1	N		2	2		
D	<157	1.9	N		3	3		
D	<157	2.0	N	BH03D	4	4		
Total Depth @ 4 feet bgs								
 North East ☉ 43°NE (T) • 32.204884, -103.869059 ±9ft ▲ 3310ft Highlander Compressor Station Jun 09 2026 12:19:56 BH03								

		Sample Name: BH04		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.204746, -103.869173			Logged By: MS		Method: Hand Auger			
			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N	BH04	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.0	N		1	1		
D	<162	0.0	N		2	2		
D	<162	0.0	N		3	3		
D	<162	0.0	N	BH04D	4	4		
Total Depth @ 4 feet bgs								
								

 ENSOLUM		Sample Name: BH05		Date: 6/09/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204625, -103.869373				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.6	N	BH05	0	0	SP-SM	(0-4'): SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<162	0.5	N		1	1		
D	<162	0.1	N		2	2		
D	<162	0.3	N		3	3		
D	<162	0.2	N	BH05D	4	4		
Total Depth @ 4 feet bgs								
								

		Sample Name: BH06		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.206003, -103.867890				Hole Diameter: 4"		Total Depth: 3'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.0	N		0	0	SP-SM	(0-3') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.6	N	BH06A	1	1		
D	<157	0.5	N		2	2		
D	<157	0.5	N	BH06C	3	3		
								Refusal after 3'
Total Depth @ 3 feet bgs								
								
								
BH06				10 Jun 2026, 10:10:23 MDT				

 ENSOLUM		Sample Name: BH07		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205765, -103.868178				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.0	N	BH07	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.0	N		1	1		
D	<157	0.0	N		2	2		
D	<157	0.0	N		3	3		
D	<157	0.0	N	BH07D	4	4		
Total Depth @ 4 feet bgs								
								

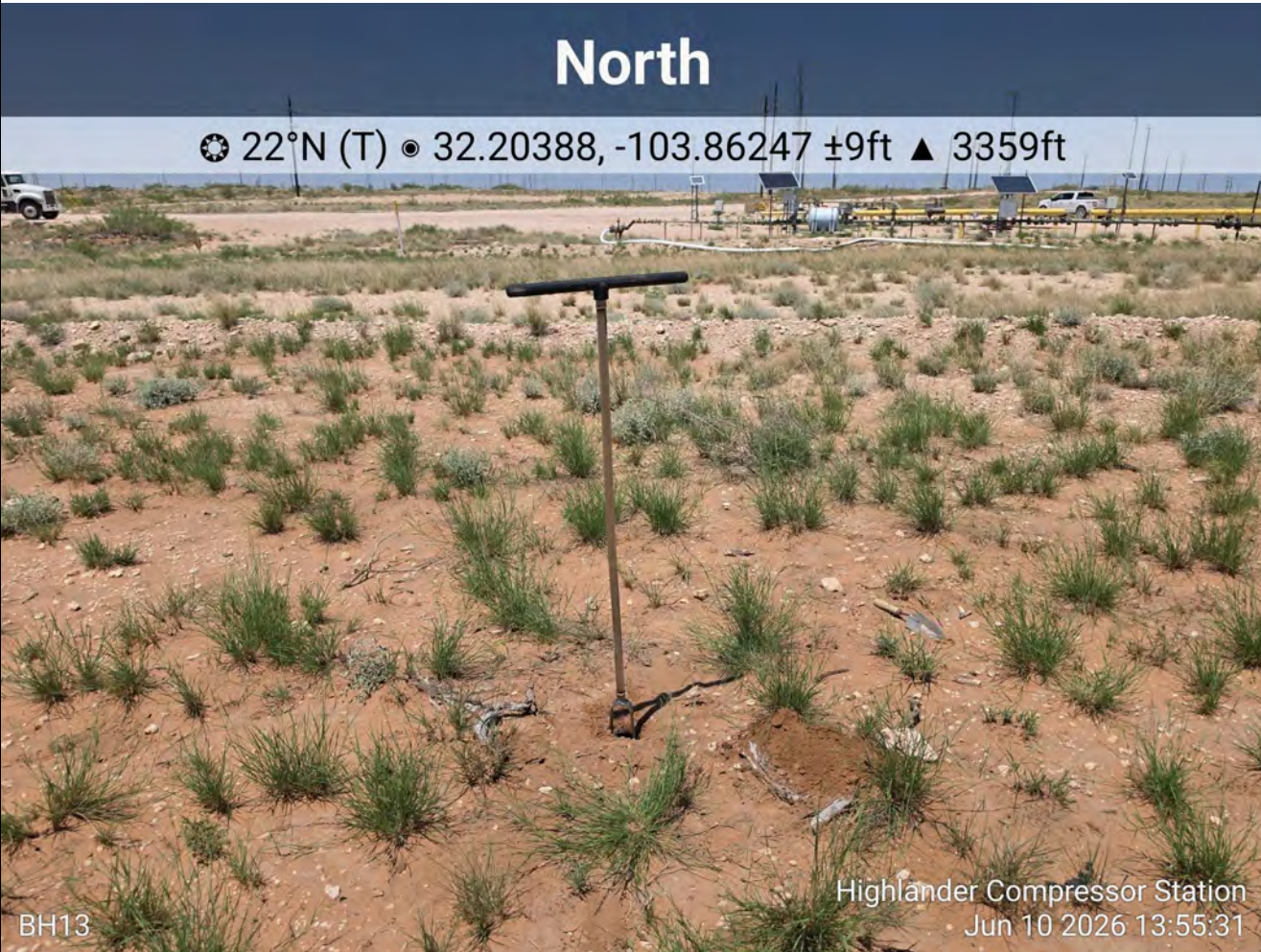
 ENSOLUM		Sample Name: BH08		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205681, -103.868949				Hole Diameter: 4"		Total 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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.1	N	BH08A	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	1.2	N		1	1		
D	<157	0.5	N		2	2		
D	<157	0.8	N		3	3		
D	<157	1.3	N	BH08D	4	4		
Total Depth @ 4 feet bgs								
 North ☉ 358°N (T) • 32.205642, -103.868949 ±9ft ▲ 3313ft Highlander Compressor Station Jun 10 2026 10:23:21 BH08								

 ENSOLUM		Sample Name: BH09		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205390, -103.868727				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.0	N	BH09	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.5	N		1	1		
D	<157	0.9	N		2	2		
D	<157	0.8	N		3	3		
D	<157	0.9	N	BH09D	4	4		
Total Depth @ 4 feet bgs								
 West ☼ 294°W (T) • 32.205376, -103.868714 ±9ft ▲ 3313ft Highlander Compressor Station Jun 10 2026 10:31:47 BH09								

		Sample Name: BH10		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.205176, -103.868105			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.0	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.2	N		1	1		
D	<157	0.5	N	BH10B	2	2		
D	<157	0.4	N		3	3		
D	<157	0.6	N	BH10D	4	4		
Total Depth @ 4 feet bgs								
								

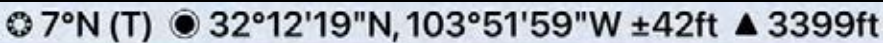
 ENSOLUM		Sample Name: BH11		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205456, -103.867546				Hole Diameter: 4"		Total 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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.1	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.7	N		1	1		
D	<157	1.0	N	BH11B	2	2		
D	<157	0.6	N		3	3		
D	<157	0.5	N	BH11D	4	4		
Total Depth @ 4 feet bgs								
								

 ENSOLUM					Sample Name: BH12		Date: 06/10/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204409, -103.863647					Hole Diameter: 4"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	3.1	N	BH12	0	0	SP-SM	(0-2') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	2.6	N		1	1		
D	<157	3.2	N	BH12B	2	2		
								Refusal after 2'
Total Depth @ 2 feet bgs								
East Elevation  283°W (T)  32.204407, -103.863647 ±9ft  3343ft 								
BH12					Highlander Compressor Station Jun 10 2026 14:08:32			

		Sample Name: BH13		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203928, -103.862438				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	3.2	N	BH13	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	3.2	N	BH13A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
								
North ☀ 22°N (T) • 32.20388, -103.86247 ±9ft ▲ 3359ft								
BH13				Highlander Compressor Station Jun 10 2026 13:55:31				

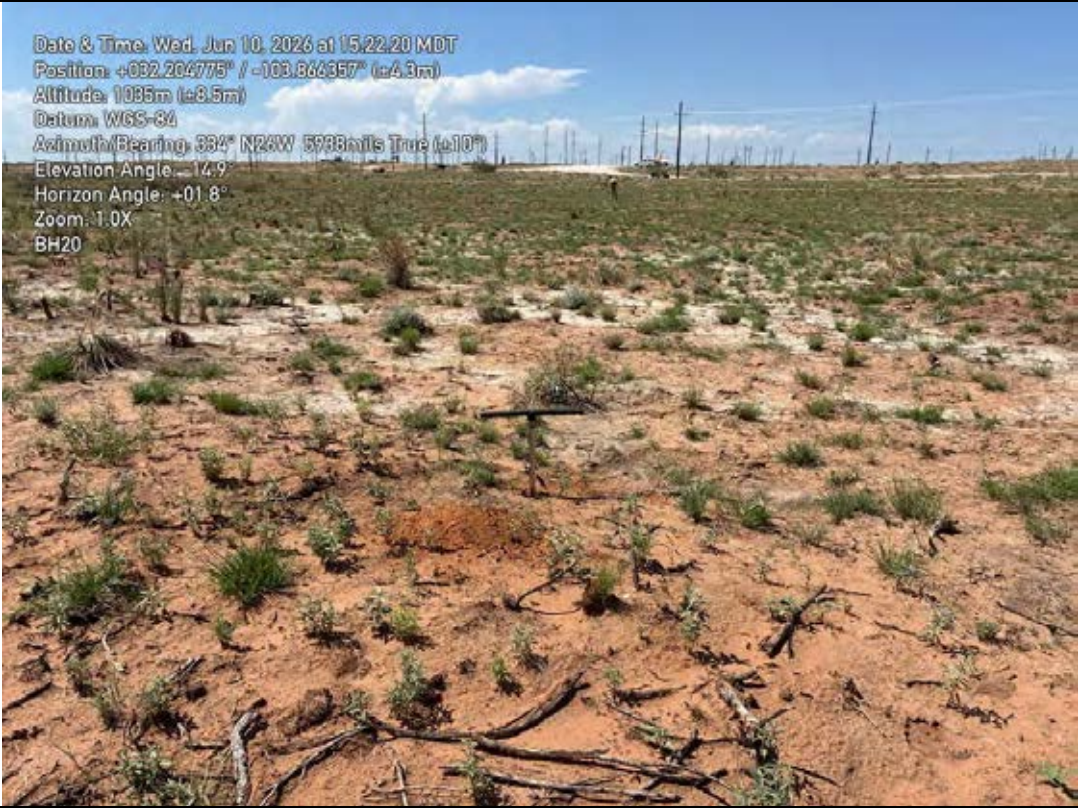
 ENSOLUM		Sample Name: BH14		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203713, -103.861854				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.5	N	BH14	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	4.1	N	BH14A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
Date & Time: Wed, Jun 10, 2026 at 13:48:37 MDT Position: +032.203657° / -103.861909° (±4.7m) Altitude: 1044m (±8.2m) Datum: WGS-84 Azimuth/Bearing: 360° N00W 6400mils True (±10°) Elevation Angle: -11.9° Horizon Angle: -01.6° Zoom: 1.0X BH14 								

 ENSOLUM		Sample Name: BH16		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203491, -103.861666				Hole Diameter: 4"				
				Total Depth: 1'				
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	3.4	N	BH16	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	2.4	N	BH16A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
Date & Time: Wed, Jun 10, 2026 at 13:43:13 MDT Position: +032.203467° / -103.861655° (±2.3m) Altitude: 1044m (±7.4m) Datum: WGS-84 Azimuth/Bearing: 320° N40W 5689mils True (±10°) Elevation Angle: -06.9° Horizon Angle: -01.2° Zoom: 1.0X BH16 								

 ENSOLUM		Sample Name: BH17		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205398, -103.866632				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.0	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.1	N		1	1		
D	<157	0.1	N		2	2		
D	<157	0.3	N	BH17C	3	3		
D	<157	0.3	N	BH17D	4	4		
Total Depth @ 4 feet bgs								
  BH17 Ensolum, LLC Highlander CS Jun 10 2026, 15:31:44								

 ENSOLUM		Sample Name: BH18		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.205472, -103.866010				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	2.0	N	BH18	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.0	N		1	1		
D	<157	1.0	N		2	2		
D	<157	0.2	N		3	3		
D	<157	0.0	N	BH18D	4	4		
Total Depth @ 4 feet bgs								
 South Elevation ☉ 33°N (T) • 32.205441, -103.866034 ±13ft ▲ 3323ft BH18 Highlander Compressor Station Jun 10 2026 15:25:18								

					Sample Name: BH19		Date: 06/10/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204851, -103.867108					Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.3	N	BH19	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	0.2	N		1	1		
D	<157	0.5	N		2	2		
D	<157	0.6	N		3	3		
D	<157	0.3	N	BH19D	4	4		
Total Depth @ 4 feet bgs								

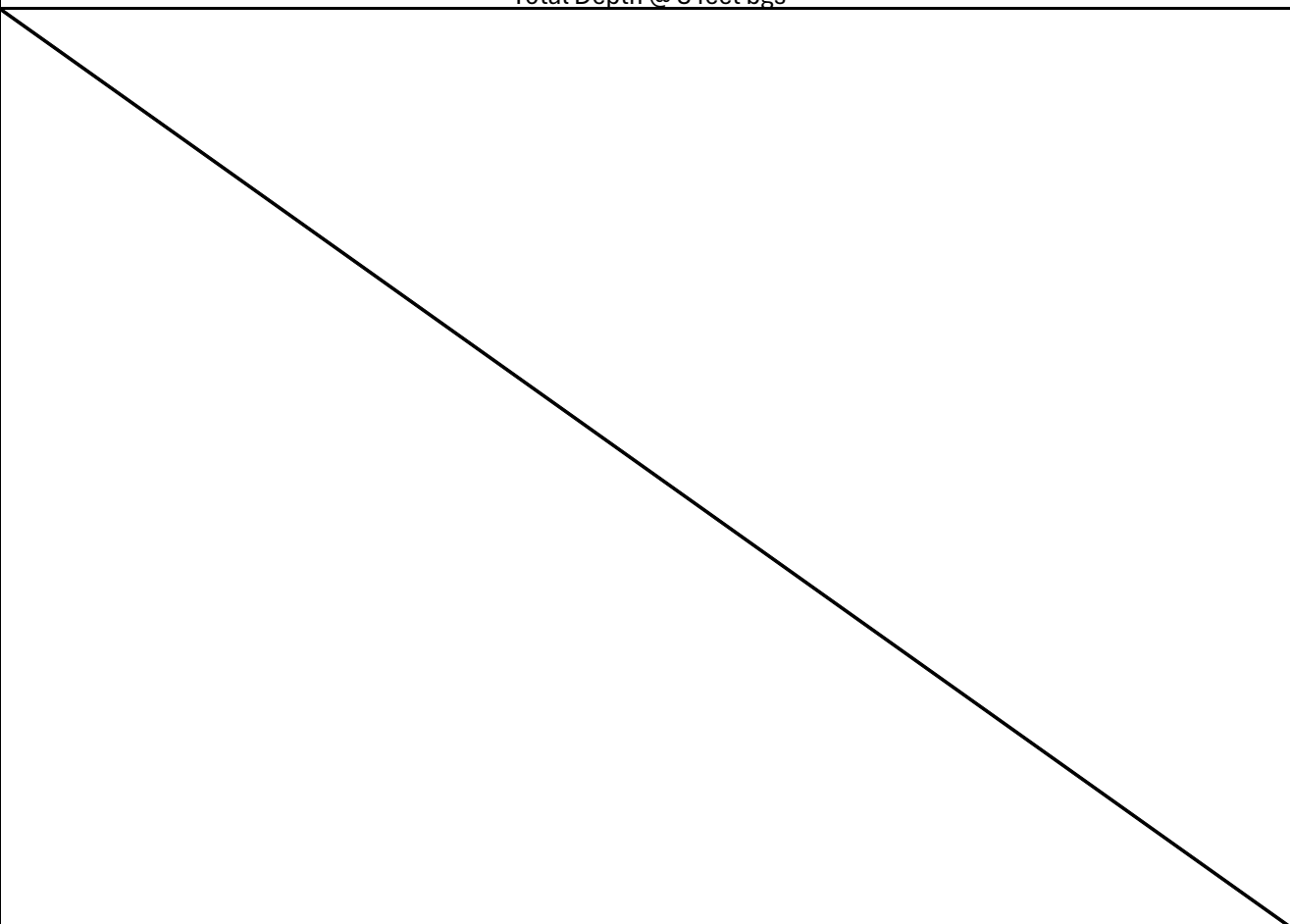
 ENSOLUM		Sample Name: BH20		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204799, -103.866380				Hole Diameter: 4"		Total 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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	2.5	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	2.6	N		1	1		
D	<157	2.3	N		2	2		
D	<157	2.9	N	BH20C	3	3		
D	<157	2.8	N	BH20D	4	4		
Total Depth @ 4 feet bgs								
 Date & Time: Wed, Jun 10, 2026 at 15:22:20 MDT Position: +092.204775° / -103.866357° (±4.3m) Altitude: 1035m (±8.5m) Datum: WGS-84 Azimuth/Bearing: 334° N24W 598Basis True (±10°) Elevation Angle: -14.9° Horizon Angle: +01.8° Zoom: 1.0X BH20								

		Sample Name: BH21		Date: 06/10/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204757, -103.865362				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	0.0	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<157	2.5	N		1	1		
D	<157	2.6	N		2	2		
D	<157	2.8	N	BH21C	3	3		
D	<157	3.1	N	BH21D	4	4		
Total Depth @ 4 feet bgs								
 Date & Time: Wed, Jun 10, 2026 at 15:34:06 MDT Position: +032.204747° / -103.865406° (±2.0m) Altitude: 1038m (±3.0m) Datum: WGS-84 Azimuth/Bearing: 182° S48E 2347mils True (±10°) Elevation Angle: -11.3° Horizon Angle: +00.6° Zoom: 1.0X BH21								

 ENSOLUM		Sample Name: BH22		Date: 06/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204388, -103.869011				Hole Diameter: 4"		Total Depth: 3'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<184	12.1	N		0	0	SP-SM	(0-3') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<184	13.0	N	BH22A	1	1		
D	<184	0.7	N		2	2		
D	<184	0.8	N	BH22C	3	3		
								Refusal after 3'
Total Depth @ 3 feet bgs								
 East Elevation ☼ 307°NW (T) ☼ 32.204378, -103.868989 ±9ft ▲ 3310ft Highlander Compressor Station Jun 11 2026 10:50:44 BH22								

					Sample Name: BH23		Date: 6/11/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.203989, -103.868555					Hole Diameter: 4"		Total Depth: 1'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	11.3	N	BH23	0	0	SP-SM	(0-1') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	14.6	N	BH23A	1	1		(@1') Refusal
Total Depth @ 1 foot bgs								

		Sample Name: BH24		Date: 06/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.204738, -103.868570				Hole Diameter: 4"				
				Method: Hand Auger				
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<184	12.1	N	BH24	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<184	11.4	N		1	1		
D	<184	11.6	N		2	2		
D	<184	10.0	N		3	3		
D	<184	10.2	N	BH24D	4	4		
Total Depth @ 4 feet bgs								
 South Elevation ☀ 319°NW (T) • 32.204695, -103.86853 ±9ft ▲ 3307ft Highlander Compressor Station Jun 11 2026 11:05:59								

					Sample Name: BH25		Date: 6/11/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204496, -103.867826					Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	16.5	N	BH25	0	0	SP-SM	(0-3') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	14.6	N		1	1		
D	<179	15.8	N		2	2		
D	<179	15.6	N	BH25C	3	3		
Total Depth @ 3 feet bgs								
								

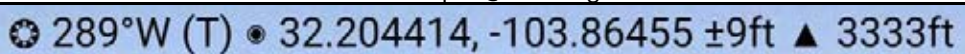
		Sample Name: BH26		Date: 6/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203932, -103.867561			Hole Diameter: 4"		Total Depth: 4'			
Comments: Field screening conducted 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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	5.4	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	5.5	N		1	1		
D	<179	8.2	N	BH26B	2	2		
D	<179	5.1	N		3	3		
D	<179	5.0	N	BH26D	4	4		
Total Depth @ 4 feet bgs								

 ENSOLUM		Sample Name: BH27		Date: 06/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203618, -103.866531				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<151	6.7	N	BH27A	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<151	7.3	N		1	1		
D	<151	7.2	N		2	2		
D	<151	5.4	N		3	3		
D	<151	5.7	N	BH27D	4	4		
Total Depth @ 4 feet bgs								
West Elevation ☉ 104°E (T) • 32.203608, -103.8665 ±9ft ▲ 3330ft  Highlander Compressor Station Jun 11 2026 12:51:15								

		Sample Name: BH28		Date: 6/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.202443, -103.866329			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	7.5	N		0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no
D	<179	8.0	N		1	1		
D	<179	9.6	N	BH28B	2	2		
D	<179	6.6	N		3	3		
D	<179	3.2	N	BH28D	4	4		
Total Depth @ 4 feet bgs								

					Sample Name: BH29		Date: 06/11/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.204275, -103.866029					Hole Diameter: 4"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<151	5.8	N	BH29	0	0	SP-SM	(0-2') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<151	4.7	N		1	1		
D	<151	4.9	N	BH29B	2	2		
								Refusal after 2'
Total Depth @ 2 feet bgs								
South Elevation ☀ 26°N (T) • 32.204267, -103.86604 ±9ft ▲ 3330ft  BH29  Highlander Compressor Station Jun 11 2026 12:57:48								

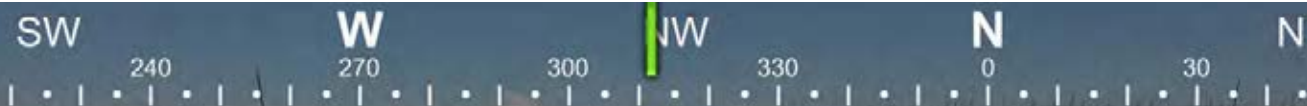
 ENSOLUM		Sample Name: BH30		Date: 6/11/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.202911, -103.866560				Hole Diameter: 4"				
Comments: Field screening conducted 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% chloride correction factor is included.				Method: Hand Auger				
Total Depth: 4'								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	4.1	N	BH30	0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	4.0	N		1	1		
D	<179	3.9	N		2	2		
D	<179	3.6	N		3	3		
D	<179	5.9	N	BH30D	4	4		
Total Depth @ 4 feet bgs								
 North Elevation ☉ 136°SE (T) • 32.202945, -103.86655 ±9ft ▲ 3323ft Highlander Compressor Station Jun 11 2026 12:33:23 BH30								

 ENSOLUM		Sample Name: BH31		Date: 07/21/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.204401, -103.864558				Hole Diameter: 4"		Total Depth: 3'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N	BH31	0	0	SP-SM	(0-2') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.1	N		1	1		
D	<162	0.0	N		2	2		
D	<162	0.0	N	BH31A	3	3	SW-SM	(2'-3') SAND, light brown/red, fine to medium grain size, noncohesive, non-plastic, some silt, few gravel, trace clay.
Refusal @ 3'								
Total Depth @ 3 feet bgs								
 								
BH31 Ensolum, LLC				Highlander Compressor Station 21 Jul 2026 10:24:37				

					Sample Name: BH32		Date: 07/21/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.203866, -103.864130					Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.3	N	BH32	0	0	SP-SM	(0-3') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.4	N		1	1		
D	<162	0.5	N		2	2		
D	<162	0.6	N	BH32A	3	3		Trace gravel and refusal @ 3'
Total Depth @ 3 feet bgs								
 295°W (T) • 32.203871, -103.864051 ±9ft ▲ 3336ft 								
BH32 Ensolum, LLC				Highlander Compressor Station 21 Jul 2026 10:51:34				

		Sample Name: BH33		Date: 07/21/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203535, -103.862257				Hole Diameter: 4"		Total Depth: 1.5'		
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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N	BH33	0	0	SP-SM	(0-1.5') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.0	N	BH33A	1	1		
Refusal @ 1.5'								
Total Depth @ 1.5 feet bgs								
 117°SE (T)  32°12'12"N, 103°51'44"W ±19ft  3434ft 								
BH33 Ensolum, LLC				Highlander Compressor Station Jul 21 2026, 10:24:15				

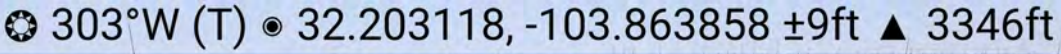
 ENSOLUM		Sample Name: BH35		Date: 07/21/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203737, -103.865206				Hole Diameter: 4"		Total Depth: 2'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.5	N		0	0	SP-SM	(0-1.5') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.8	N	BH35	1	1		
D	<162	0.3	N	BH35A	2	2	GW-GM	(1.5'-2') GRAVEL, offwhite, small to large grain size, noncohesive, non-plastic, some sand, few silt. Refusal @ 2'
Total Depth @ 2 feet bgs								
								
268°W (T) 32.203738°N, 103.865205°W ±16ft 3394ft								
								
BH35 @ 2'				Highlander Compressor Station 21 Jul 2026, 10:22:54 MDT				

 ENSOLUM		Sample Name: BH36		Date: 07/21/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203228, -103.864734				Hole Diameter: 4"		Total Depth: 1'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N	BH36	0	0	SP-SM	(0-1') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.0	N	BH36A	1	1		Refusal after 1'
Total Depth @ 1 foot bgs								
 312°NW (T) 32.203224°N, 103.864728°W ±16ft 3397ft								
 BH36 Highlander Compressor Station 21 Jul 2026, 10:30:39 MDT								

 ENSOLUM		Sample Name: BH37		Date: 07/21/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.203234, -103.865651				Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.6	N	BH37	0	0	SP-SM	(0-4') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.0	N		1	1		
D	<162	0.0	N		2	2		
D	<162	0.0	N		3	3		
D	<162	0.1	N	BH37A	4	4		
Total Depth @ 4 feet bgs								
 293°NW (T) 32°12'11"N, 103°51'56"W ±16ft ▲ 3395ft  BH37 Ensolum, LLC Highlander Compressor Station Jul 21 2026, 12:52:21								

 ENSOLUM		Sample Name: BH38		Date: 07/21/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: MS		Method: Hand Auger		
Coordinates: 32.202443, -103.866330				Hole Diameter: 4"		Total Depth: 2'		
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	0.0	N		0	0	SP-SM	(0-2') SAND, light brown/red, fine to medium grain size, cohesive, low plasticity, some silt, trace clay.
D	<162	0.3	N	BH38	1	1		
D	<162	0.0	N	BH38A	2	2		
Trace gravel and refusal @ 2'								
Total Depth @ 2 feet bgs								
 ☀ 305°NW (T) ● 32.202455, -103.866338 ±9ft ▲ 3323ft								
BH38 Ensolum, LLC				Highlander Compressor Station 21 Jul 2026 12:54:30				

					Sample Name: BH39		Date: 7/22/2026	
					Site Name: Highlander Compressor Station			
					Incident Number: nAPP2606139393			
					Job Number: 03C1558840			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: MS		Method: Hand Auger	
Coordinates: 32.203321, -103.863636					Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	BH39	0	0	SP-SM	(0-3') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N		1	1		
D	<179	0	N		2	2		
D	<179	0	N	BH39A	3	3		(@3') Refusal
Total Depth 3 feet bgs								
 219°SW (T) • 32.20337, -103.863612 ±9ft ▲ 3339ft 								
BH39 Ensolum, LLC					Highlander Compressor Station 22 Jul 2026 9:38:29			

 ENSOLUM		Sample Name: BH40		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.203099, -103.863872			Hole Diameter: 4"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	BH40	0	0	SP-SM	SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded. (@2') Refusal
D	<179	0	N		1	1		
D	<179	0	N	BH40A	2	2		
						Total Depth 3 feet bgs		
 								
BH40 Ensolum, LLC				Highlander Compressor Station 22 Jul 2026 9:52:58				

 ENSOLUM		Sample Name: BH41		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.205290, -103.865133			Logged By: MS		Method: Hand Auger			
			Hole Diameter: 4"		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% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	BH41	0	0	SP-SM	(0-4') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, poorly graded.
D	<179	0	N		1	1		
D	<179	0.1	N		2	2		
D	<179	0	N		3	3		
D	<179	0	N	BH41A	4	4		
Total Depth 4 feet bgs								
								

 ENSOLUM		Sample Name: BH42		Date: 7/22/2026				
		Site Name: Highlander Compressor Station						
		Incident Number: nAPP2606139393						
		Job Number: 03C1558840						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.202422, -103.864675			Logged By: MS		Method: Hand Auger			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.			Hole Diameter: 4"		Total Depth: 1'			
Moisture Content	Chloride (ppm)	Vapor (ppm)	staining,	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	0	N	BH42	0	0	SP-SM	(0-1') SAND, light brown/red, fine-medium grained, trace clay, cohesive, non-plastic, no odor, no sheen, , poorly graded.
D	<179	0	N	BH42A	1	1		Refusal @ 1'
Total Depth @ 1 foot bgs								
								
								
Highlander Compressor Station 22 Jul 2026 09:32:57 MDT								



APPENDIX D

Photographic Log



Photographic Log

XTO Energy, Inc
 Highlander Compressor Station
 nAPP2606139393

Photograph 1	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 08:58:28 MST Position: +082.204108° / -108.869128° (+5.0m) Altitude: 1033m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 082° N82E 1/458mils True (+48°) Elevation Angle: +08.0° Horizon Angle: +00.2° Zoom: 1.0X 
Description Scorching in pasture		
View East		
Photograph 2	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 08:58:24 MST Position: +082.204108° / -108.869128° (+5.0m) Altitude: 1033m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 049° N49E 0/644mils True (+35°) Elevation Angle: +08.1° Horizon Angle: +00.6° Zoom: 1.0X 
Description Scorching in pasture		
View Northeast		



Photographic Log

XTO Energy, Inc
 Highlander Compressor Station
 nAPP2606139393

Photograph 3	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 08:58:26 MST Position: +082.204108° / -108.869180° (+5.0m) Altitude: 1084m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 352° N88W 4758mils True (+27°) Elevation Angle: -84.4° Horizon Angle: +88.2° Zoom: 1.0X 
Description Scorching in pasture near flare		
View North		

Photograph 4	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 08:59:27 MST Position: +082.204108° / -108.869180° (+5.0m) Altitude: 1084m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 323° N87W 5742mils True (+27°) Elevation Angle: -88.5° Horizon Angle: +88.6° Zoom: 1.0X 
Description Scorching in pasture near flare		
View Northwest		



Photographic Log

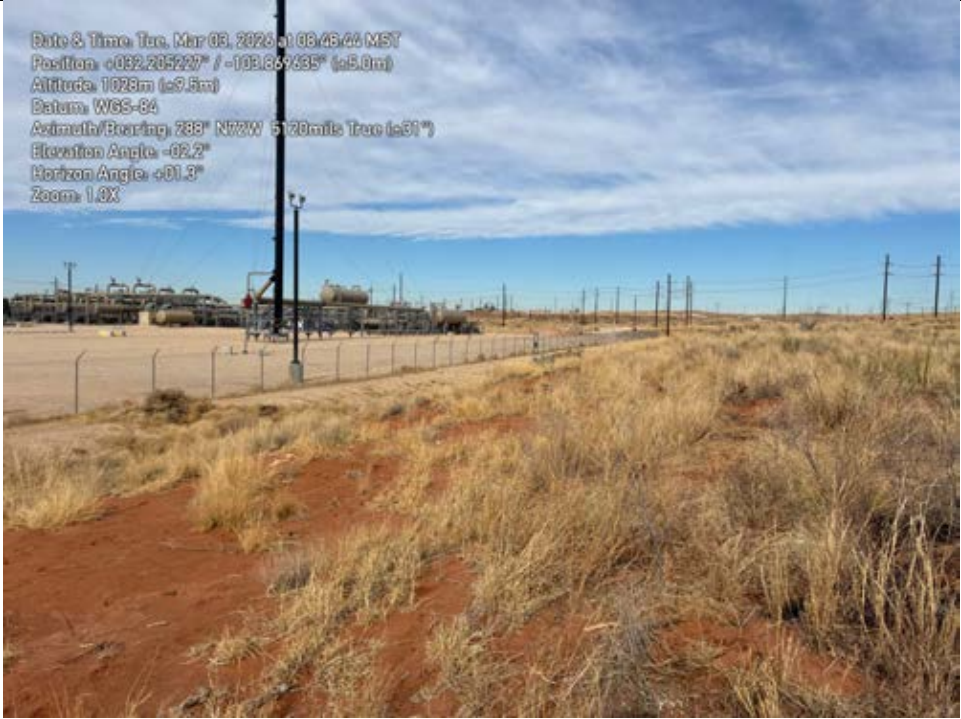
XTO Energy, Inc
 Highlander Compressor Station
 nAPP2606139393

Photograph 5	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 06:49:58 MST Position: +032.205269° / -103.869486° (+5.0m) Altitude: 1029m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 108° S32E 1920mils True (+37°) Elevation Angle: -01.8° Horizon Angle: +00.6° Zoom: 1.0X 
Description Scorching in pasture		
View Southeast		
Photograph 6	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 07:54:12 MST Position: +032.204743° / -103.863400° (+2.0m) Altitude: 1039m (+3.0m) Datum: WGS-84 Azimuth/Bearing: 292° N68W 5191mils True (+10°) Elevation Angle: -03.0° Horizon Angle: +00.8° Zoom: 1.0X 
Description Scorching in pasture		
View Northwest		



Photographic Log

XTO Energy, Inc
 Highlander Compressor Station
 nAPP2606139393

Photograph 7	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 08:46:46 MST Position: +032.205227° / -108.667685° (+5.0m) Altitude: 1028m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 288° NW2W 5120mils True (+31°) Elevation Angle: -02.2° Horizon Angle: +01.3° Zoom: 1.0X 
Description Scorching in pasture		
View Northwest		
Photograph 8	Date 3/3/2026	Date & Time: Tue, Mar 03, 2026 at 08:48:57 MST Position: +032.205259° / -108.669686° (+5.0m) Altitude: 1029m (+9.5m) Datum: WGS-84 Azimuth/Bearing: 083° N83E 1476mils True (+46°) Elevation Angle: -05.9° Horizon Angle: +01.2° Zoom: 1.0X 
Description Scorching in pasture		
View Northeast		



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

June 16, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER CS

Enclosed are the results of analyses for samples received by the laboratory on 06/10/26 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 02 SURFACE (H263303-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99	
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62	
Total BTX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/11/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 90.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 89.7 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 02D 4 (H263303-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 104 % 47.1-117

Surrogate: 1-Chlorooctadecane 105 % 37.2-119

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 05 SURFACE (H263303-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 90.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 90.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 05C 3 (H263303-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99	
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62	
Total BTEX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 96.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 98.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 01C 3 (H263303-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 91.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 93.9 % 37.2-119

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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 01D 4 (H263303-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 93.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 97.8 % 37.2-119

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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 09B SURFACE (H263303-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEx	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 85.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.0 % 37.2-119

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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 09D 4 (H263303-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 91.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 92.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 08 SURFACE (H263303-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 86.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 87.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 08A 1 (H263303-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 90.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 89.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 01C 3 (H263303-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	1.97	98.5	2.00	3.99		
Toluene*	<0.050	0.050	06/11/2026	ND	1.86	93.2	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	1.86	93.1	2.00	2.41		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	5.46	91.1	6.00	3.62		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 92.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 91.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 01D 4 (H263303-12)

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	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 156 % 61.5-142

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 92.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 92.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 02 SURFACE (H263303-13)

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	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTEX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 61.5-142

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 87.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 02D 4 (H263303-14)

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	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTEX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 158 % 61.5-142

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 94.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 94.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 03 SURFACE (H263303-15)

BTX 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	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 153 % 61.5-142

Chloride, SM4500CI-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	197	98.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	190	95.0	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 95.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 96.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 03D 4 (H263303-16)

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	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 154 % 61.5-142

Chloride, SM4500CI-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 93.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 89.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 04 SURFACE (H263303-17)

BTX 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	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 61.5-142

Chloride, SM4500CI-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 89.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 81.6 % 37.2-119

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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 04D 4 (H263303-18)

BTX 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	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 147 % 61.5-142

Chloride, SM4500CI-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M		mg/kg	Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 93.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 05 SURFACE (H263303-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 137 % 61.5-142

Chloride, SM4500CI-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	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 91.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 05D 4 (H263303-20)

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	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 143 % 61.5-142

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M			mg/kg					Analyzed By: JF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 95.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 89.0 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
 Reported: 06/16/2026
 Project Name: HIGHLANDER CS
 Project Number: 03C1558840
 Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 03B 2 (H263303-21)

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	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTEX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 145 % 61.5-142

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M		mg/kg	Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 94.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 88.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 03D 4 (H263303-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 95.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 87.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 04 SURFACE (H263303-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEx	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2026	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 91.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 04D 4 (H263303-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2026	ND	2.15	107	2.00	3.15	
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80	
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37	
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71	
Total BTEX	<0.300	0.300	06/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 61.5-142

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	06/11/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 93.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 85.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/10/2026
Reported: 06/16/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS 06D 4 (H263303-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2026	ND	2.15	107	2.00	3.15		
Toluene*	<0.050	0.050	06/11/2026	ND	1.92	96.2	2.00	5.80		
Ethylbenzene*	<0.050	0.050	06/11/2026	ND	2.20	110	2.00	5.37		
Total Xylenes*	<0.150	0.150	06/11/2026	ND	6.63	111	6.00	4.71		
Total BTEX	<0.300	0.300	06/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 141 % 61.5-142

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	06/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2026	ND	205	102	200	2.40	
DRO >C10-C28*	<10.0	10.0	06/11/2026	ND	217	109	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2026	ND					

Surrogate: 1-Chlorooctane 96.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 88.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Cardinal Laboratories

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3102 National Parks Hwy

City Carlsbad

Phone # 575-937-3906

Project #: 03C1558840

Project Name: Highlander Compressor Station

Project Location: 32.20464, -103.87054

Sampler Name: Mario Sarkis

BILL TO

P.O. #:

Company: XTO

Attn: Date Woodall

Address: 3104 E Greene St

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS REQUEST				
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			BTEX	TPH	Chlorides		
		Surface	G	1						6/9/2026	10:19	X	X	X		
		4	G	1	X					6/9/2026	10:30	X	X	X		
		Surface	G	1						6/9/2026	11:42	X	X	X		
		3	G	1	X					6/9/2026	11:46	X	X	X		
		3	G	1	X					6/9/2026	10:15	X	X	X		
		4	G	1	X					6/9/2026	10:16	X	X	X		

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Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

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

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

REMARKS: Incident #: NAPP2606139393
Center: 2250241001/GFCM: 48605000
Turnaround Time: Standard Rush ☒
Thermometer ID #140
Correction Factor +0.3°C

Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

REMARKS: Incident #: NAPP2606139393
Center: 2250241001/GFCM: 48605000
Turnaround Time: Standard Rush ☒
Thermometer ID #140
Correction Factor +0.3°C

Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

REMARKS: Incident #: NAPP2606139393
Center: 2250241001/GFCM: 48605000
Turnaround Time: Standard Rush ☒
Thermometer ID #140
Correction Factor +0.3°C

Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

REMARKS: Incident #: NAPP2606139393
Center: 2250241001/GFCM: 48605000
Turnaround Time: Standard Rush ☒
Thermometer ID #140
Correction Factor +0.3°C

Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

REMARKS: Incident #: NAPP2606139393
Center: 2250241001/GFCM: 48605000
Turnaround Time: Standard Rush ☒
Thermometer ID #140
Correction Factor +0.3°C

Relinquished By:

Date: 6-10-26

Received By:

Time: 10:23

REMARKS: Incident #: NAPP2606139393
Center: 2250241001/GFCM: 48605000
Turnaround Time: Standard Rush ☒
Thermometer ID #140
Correction Factor +0.3°C

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2017

Company Name: Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3102 National Parks Hwy

City: Carlsbad

Phone #: 575-937-3906

Project #: 03C1558840

Project Name: Highlander Compressor Station

Project Location: 32.20464, -103.87054

Sampler Name: Mario Sarkis

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: XTO

Attn: Dale Woodall

Address: 3104 E Greene St

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST					
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			BTEX	TPH	Chlorides			
HA3303	SS09B	Surface	G	1	X						6/9/2026	14:26	X	X	X			
	SS09D	4	G	1	X						6/9/2026	14:30	X	X	X			
	SS08	Surface	G	1	X						6/9/2026	14:40	X	X	X			
	SS08A	1	G	1	X						6/9/2026	14:41	X	X	X			
	BH01C	3	G	1	X						6/9/2026	11:57	X	X	X			
	BH01D	4	G	1	X						6/9/2026	12:02	X	X	X			
	BH02	Surface	G	1	X						6/9/2026	12:08	X	X	X			
	BH02D	4	G	1	X						6/9/2026	12:11	X	X	X			
	BH03	Surface	G	1	X						6/9/2026	12:15	X	X	X			
	BH03D	4	G	1	X						6/9/2026	12:15	X	X	X			

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Relinquished By:

Relinquished By:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:
FORM-006 R 3.6 02/12/25

Date: 6-10-26

Time: 10:23

Date: 6-10-26

Time: 11:55

Received By:

Received By:

Received By:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Sample Condition

Sample Condition

Sample Condition

Sample Condition

CHECKED BY:

CHECKED BY:

CHECKED BY:

CHECKED BY:

CHECKED BY:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

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

All Results are emailed. Please provide Email address:

msarkis@ensolum.com / thillard@ensolum.com / kthompson@ensolum.com

Incident #: NAPP2606139393

Center: 2250241001/ GFCM: 48605000

Turnaround Time:

Turnaround Time:

Turnaround Time:

Turnaround Time:

Turnaround Time:

Cost

Cost

Cost

Cost

Cost

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



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

June 18, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER CS

Enclosed are the results of analyses for samples received by the laboratory on 06/12/26 11:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS06B (H263379-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700	
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229	
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198	
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130	
Total BTEX	<0.300	0.300	06/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 81.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 77.5 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

June 18, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER CS

Enclosed are the results of analyses for samples received by the laboratory on 06/12/26 11:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS17 SURFACE (H263380-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700	
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229	
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198	
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130	
Total BTX	<0.300	0.300	06/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 67.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 64.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS17A 1 (H263380-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700		
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229		
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198		
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130		
Total BTEX	<0.300	0.300	06/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 80.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 76.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH22A 1 (H263380-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700		
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229		
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198		
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130		
Total BTEx	<0.300	0.300	06/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 85.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 80.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH22C 3 (H263380-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700		
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229		
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198		
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130		
Total BTEx	<0.300	0.300	06/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 78.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 75.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH24 SURFACE (H263380-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700		
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229		
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198		
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130		
Total BTEx	<0.300	0.300	06/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 84.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 78.9 % 37.2-119

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH24D 4 (H263380-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2026	ND	2.21	111	2.00	0.700		
Toluene*	<0.050	0.050	06/13/2026	ND	2.12	106	2.00	0.229		
Ethylbenzene*	<0.050	0.050	06/13/2026	ND	2.03	102	2.00	0.198		
Total Xylenes*	<0.150	0.150	06/13/2026	ND	5.93	98.8	6.00	0.130		
Total BTEX	<0.300	0.300	06/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2026	ND	199	99.4	200	4.88	
DRO >C10-C28*	<10.0	10.0	06/12/2026	ND	216	108	200	4.14	
EXT DRO >C28-C36	<10.0	10.0	06/12/2026	ND					

Surrogate: 1-Chlorooctane 88.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.7 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH29 SURFACE (H263380-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	197	98.3	200	3.14	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 86.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH29B 2 (H263380-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	197	98.3	200	3.14	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 75.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH27A 1 (H263380-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	197	98.3	200	3.14	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 81.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 82.4 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH27D 4 (H263380-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	197	98.3	200	3.14	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 79.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 78.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS20 SURFACE (H263380-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	197	98.3	200	3.14	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 83.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.8 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS20C 3 (H263380-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	197	98.3	200	3.14	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 78.3 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS25 SURFACE (H263380-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/15/2026	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 72.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 71.4 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS25C 3 (H263380-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220	
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65	
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734	
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02	
Total BTEx	<0.300	0.300	06/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 85.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS24A 1 (H263380-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 86.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS24C 3 (H263380-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 88.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS18 SURFACE (H263380-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS18A 1 (H263380-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 89.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 87.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH23 SURFACE (H263380-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH23A 1 (H263380-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 87.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 87.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH25 SURFACE (H263380-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 86.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH25C 3 (H263380-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220	
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65	
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734	
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02	
Total BTEx	<0.300	0.300	06/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 88.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 88.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS21C 3 (H263380-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/15/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	6.01	100	6.00	1.02		
Total BTX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 78.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 77.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS21D 4 (H263380-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/16/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.01	100	6.00	1.02		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 82.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 81.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH28B 2 (H263380-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/16/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.01	100	6.00	1.02		
Total BTX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 79.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 82.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH28D 4 (H263380-26)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.21	111	2.00	0.220		
Toluene*	<0.050	0.050	06/16/2026	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	97.9	2.00	0.734		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.01	100	6.00	1.02		
Total BTX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.1 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH30 SURFACE (H263380-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 83.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH30D 4 (H263380-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 80.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 80.9 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS19C 3 (H263380-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52	
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84	
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58	
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37	
Total BTEX	<0.300	0.300	06/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 82.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 82.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS19D 4 (H263380-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 86.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 87.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26B 2 (H263380-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26D 4 (H263380-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	204	102	200	0.114	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	190	95.2	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS23 SURFACE (H263380-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 79.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.5 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS23B 2 (H263380-34)

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	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 80.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS22 SURFACE (H263380-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/15/2026	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 83.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 77.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/11/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS22D 4 (H263380-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 85.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 80.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in cursive script, appearing to read "C. D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 39 of 42

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 40 of 42



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3102 National Parks Hwy

City: Carlsbad

Phone #: 575-937-3906

Project #: 03C1558840

Project Name: Highlander Compressor Station

Project Location: 32 20464, -103.87054

Sampler Name: Mario Sarkis

BILL TO

P.O. #:

Company: XTO

Attn: Dale Woodall

Address: 3104 E Greene St

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST					
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			BTEX	TPH	Chlorides			
31	BH25	Surface	G	1	X						6/11/2026	10:47	X	X	X			
32	BH25C	3	G	1	X						6/11/2026	10:52	X	X	X			
33	SS21C	3	G	1			X				6/11/2026	12:19	X	X	X			
34	SS21D	4	G	1			X				6/11/2026	12:22	X	X	X			
35	BH28B	2	G	1			X				6/11/2026	12:50	X	X	X			
36	BH28D	4	G	1			X				6/11/2026	12:59	X	X	X			
37	BH30	Surface	G	1			X				6/11/2026	12:26	X	X	X			
38	BH30D	4	G	1			X				6/11/2026	12:30	X	X	X			
39	SS19C	3	G	1			X				6/11/2026	12:36	X	X	X			
30	SS19D	4	G	1			X				6/11/2026	12:38	X	X	X			

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Relinquished By:

Date: 6/10/26
Time: 1105

Relinquished By:

Date:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:
FORM-006 R 3.6 02/12/25

Received By:

Received By: *Sheelipung*

Date:

Time:

Observed Temp. °C: 4.1

Corrected Temp. °C: 4.2

Sample Condition

Cool Intact

Yes ☒ No ☐

Checked By: (Initials)

SR

CS-04024015

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

All Results are emailed. Please provide Email address:

msarkis@ensolum.com / thillard@ensolum.com / ktompson@ensolum.com

Incident #: NAPP2606138393

Center: 2250241001 / GFCM: 48605000

Turnaround Time:

Standard

Rush

Thermometer ID #140

Correction Factor +0.3C

Bacteria (only) Sample Condition

Cool Intact

Yes ☐ No ☐

Observed Temp. °C

Corrected Temp. °C

Cost

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 4

Company Name Ensolum, LLC

Project Manager: Tracy Hillard

Address 3102 National Parks Hwy

City Carlsbad State: NM Zip

Phone # 575-937-3906 Fax #:

Project # 03C1558840 Project Owner:

Project Name: Highlander Compressor Station

Project Location: 32.20464, -103.87054

Sampler Name: Mario Sarkis

BILL TO

P.O. #:

Company: XTO

Attn: Dale Woodall

Address: 3104 E Greene St

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST					
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			BTEX	TPH	Chlorides			
31	BH26B	2	G	1	X						6/11/2026	12:46	X	X	X			
32	BH26D	4	G	1	X						6/11/2026	12:50	X	X	X			
33	SS23	Surface	G	1	X						6/11/2026	14:09	X	X	X			
34	SS23B	2	G	1	X						6/11/2026	14:12	X	X	X			
35	SS22	Surface	G	1	X						6/11/2026	13:58	X	X	X			
36	SS22D	4	G	1	X						6/11/2026	14:05	X	X	X			

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Relinquished By: *[Signature]* Date: 6/20/26 Time: 1105 Received By: *[Signature]*

Relinquished By: *[Signature]* Date: Time: Received By: *[Signature]*

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: FORM-006 R 3.6 02/12/25

Observed Temp. °C: 4.1

Corrected Temp. °C: 4.2

Sample Condition Cool Intact Yes No

Checked BY: *[Signature]*

Turnaround Time: 5-day Standard Rush

Thermometer ID #140 Correction Factor +0.3°C

Bacteria (only) Sample Condition Cool Intact Yes No

Observed Temp. °C Corrected Temp. °C

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



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

June 18, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER CS

Enclosed are the results of analyses for samples received by the laboratory on 06/12/26 11:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH08A 1 (H263381-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52	
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84	
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58	
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37	
Total BTEX	<0.300	0.300	06/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 61.5-142

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	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 80.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.7 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH08D 4 (H263381-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 61.5-142

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	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 81.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH09 SURFACE (H263381-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 78.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH09D 4 (H263381-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 69.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH10B 2 (H263381-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 80.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH10D 4 (H263381-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS13A 1 (H263381-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 79.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS13B 2 (H263381-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 72.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 67.2 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS11 SURFACE (H263381-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 74.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 66.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS11A 1 (H263381-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.19	110	2.00	3.52		
Toluene*	<0.050	0.050	06/16/2026	ND	2.01	101	2.00	4.84		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	1.96	98.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	6.02	100	6.00	4.37		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 73.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 66.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS12 SURFACE (H263381-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30	
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75	
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52	
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38	
Total BTEX	<0.300	0.300	06/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 61.5-142

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	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS15 SURFACE (H263381-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 61.5-142

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	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 81.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS15A 1 (H263381-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30	
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75	
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52	
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38	
Total BTEX	<0.300	0.300	06/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 61.5-142

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	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 79.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS10 SURFACE (H263381-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 78.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 71.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS10A 1 (H263381-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30	
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75	
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52	
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38	
Total BTEX	<0.300	0.300	06/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 71.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 65.4 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS14 SURFACE (H263381-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 61.5-142

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	06/15/2026	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	187	93.4	200	0.0594	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	189	94.3	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 73.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 67.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS14A 1 (H263381-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 76.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS16 SURFACE (H263381-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 78.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 75.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH14 SURFACE (H263381-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH14A 1 (H263381-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH16 SURFACE (H263381-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 71.9 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH16A 1 (H263381-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 78.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH15 SURFACE (H263381-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 72.0 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH13 SURFACE (H263381-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 74.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.5 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH13A 1 (H263381-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 74.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 71.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH12 SURFACE (H263381-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 69.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH12B 2 (H263381-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 76.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.2 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH20C 3 (H263381-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEx	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 71.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 65.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH20D 4 (H263381-29)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 74.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 67.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH19 SURFACE (H263381-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.07	104	2.00	3.30		
Toluene*	<0.050	0.050	06/15/2026	ND	1.94	97.2	2.00	4.75		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	1.97	98.3	2.00	3.52		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.76	96.1	6.00	3.38		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 77.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 71.7 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH19D 4 (H263381-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 68.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH17C 3 (H263381-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 76.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH17D 4 (H263381-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 73.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 68.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH18 SURFACE (H263381-34)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 75.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 69.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH18D 4 (H263381-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 74.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH21C 3 (H263381-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	186	93.1	200	0.0387	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	183	91.3	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 73.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 70.1 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH21D 4 (H263381-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH07 SURFACE (H263381-38)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH07D 4 (H263381-39)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 87.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.2 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH06A 1 (H263381-40)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 88.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 86.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH06C 3 (H263381-41)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEx	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 84.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.3 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH11B 2 (H263381-42)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 81.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 80.0 % 37.2-119

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Analytical Results For:

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

Received: 06/12/2026
Reported: 06/18/2026
Project Name: HIGHLANDER CS
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 06/10/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH11D 4 (H263381-43)

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	06/16/2026	ND	2.11	105	2.00	1.68		
Toluene*	<0.050	0.050	06/16/2026	ND	1.99	99.5	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/16/2026	ND	2.00	100	2.00	2.62		
Total Xylenes*	<0.150	0.150	06/16/2026	ND	5.85	97.4	6.00	2.27		
Total BTEX	<0.300	0.300	06/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	193	96.3	200	0.758	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	188	93.8	200	0.576	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 90.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 90.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 5

Company Name: Ensolum, LLC

Project Manager:

Tracy Hillard

Address: 3102 National Parks Hwy

City: Carlsbad

State: NM Zip:

Phone #: 575-937-3906

Fax #:

Project #: 03C1558840

Project Owner:

Project Name: Highlander Compressor Station

Project Location: 32.20464, -103.87054

Sampler Name: Mario Sarkis

BILL TO

P.O. #:

Company:

XTO

Attn:

Dale Woodall

Address: 3104 E Greene St.

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Sample Depth

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

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TIME

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Relinquished By:

Date: 6/23/20

Received By:

Date: 6/23/20

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Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition

Cool Intact

Checked By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Sample Condition

Cool Intact

Checked By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

Date: 6/23/20

Received By:

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name Ensolum, LLC					
Project Manager:		Tracy Hillard		P.O. #:	BILL TO
Address: 3102 National Parks Hwy				Company:	XTO
City Carlsbad		State: NM Zip		Attn:	Date Woodall
Phone #: 575-937-3906		Fax #:		Address: 3104 E Greene St.	
Project #: 03C1558840		Project Owner:		City:	Carlsbad
Project Name: Highlander Compressor Station		State: NM Zip: 88220		Phone #:	
Project Location: 32.20464, -103.87054		Phone #:		Fax #:	
Sampler Name: Mario Sarkis					
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX
Hx 3381					GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :
21 BH16	Surface	G	1	x	DATE TIME
23 BH16A	1	G	1	x	6/10/2026 13:39
23 BH15	Surface	G	1	x	6/10/2026 13:42
24 BH13	Surface	G	1	x	6/10/2026 13:32
25 BH13A	1	G	1	x	6/10/2026 13:51
26 BH12	Surface	G	1	x	6/10/2026 13:54
27 BH12B	2	G	1	x	6/10/2026 14:04
28 BH20C	3	G	1	x	6/10/2026 14:06
29 BH20D	4	G	1	x	6/10/2026 15:20
30 BH19	Surface	G	1	x	6/10/2026 15:21
				x	6/10/2026 15:27
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Relinquished By:		Date: 6-12-26	Received By: [Signature]		Verbal Result: Yes No Add'l Phone #:
Reinforced By:		Date: 6-10-25	[Signature]		All Results are emailed. Please provide Email address:
Delivered By: (Circle One)		Observed Temp. °C	Corrected Temp. °C	Sample Condition Cool Intact Bacteria (only) Sample Condition Cool Intact	Turnaround Time: Standard Rush
Sampler - UPS - Bus - Other FORM-006 R 3.6 02/12/25		4.1	4.2	[X] Yes [] No [X] Yes [] No	Thermometer ID #140 Correction Factor +0.1°C
REMARKS: Incident #: nAPP2606139393 Center: 2250241001 / GFCAI. 48605000 Cost					

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

July 28, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 07/22/26 9:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 35 1' (H264099-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2026	ND	2.16	108	2.00	0.841	
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60	
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22	
Total BTX	<0.300	0.300	07/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	218	109	200	8.38	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	190	95.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 86.2 % 48-117

Surrogate: 1-Chlorooctadecane 86.0 % 39-120

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 35A 2' (H264099-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTX	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	218	109	200	8.38	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	190	95.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 91.5 % 48-117

Surrogate: 1-Chlorooctadecane 90.4 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 36 SURFACE (H264099-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEX	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	218	109	200	8.38	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	190	95.2	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 81.1 % 48-117

Surrogate: 1-Chlorooctadecane 84.2 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 36A 1' (H264099-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEX	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 92.6 % 48-117

Surrogate: 1-Chlorooctadecane 89.2 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 31 1' (H264099-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 90.9 % 48-117

Surrogate: 1-Chlorooctadecane 87.5 % 39-120

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 31A 3' (H264099-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEX	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 91.2 % 48-117

Surrogate: 1-Chlorooctadecane 87.6 % 39-120

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 33 SURFACE (H264099-07)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEX	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 70.7-129

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	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 84.1 % 48-117

Surrogate: 1-Chlorooctadecane 82.8 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 33A 1' (H264099-08)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 91.9 % 48-117

Surrogate: 1-Chlorooctadecane 89.6 % 39-120

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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 34 SURFACE (H264099-09)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 90.5 % 48-117

Surrogate: 1-Chlorooctadecane 87.1 % 39-120

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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 32 SURFACE (H264099-10)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 89.5 % 48-117

Surrogate: 1-Chlorooctadecane 86.8 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 32A 3' (H264099-11)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 89.7 % 48-117

Surrogate: 1-Chlorooctadecane 86.3 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 37 SURFACE (H264099-12)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 88.9 % 48-117

Surrogate: 1-Chlorooctadecane 85.7 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 37A 4' (H264099-13)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEX	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 93.9 % 48-117

Surrogate: 1-Chlorooctadecane 89.7 % 39-120

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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 38 1' (H264099-14)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 90.6 % 48-117

Surrogate: 1-Chlorooctadecane 87.9 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/22/2026
Reported: 07/28/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 07/21/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 38A 2' (H264099-15)

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	07/24/2026	ND	2.16	108	2.00	0.841		
Toluene*	<0.050	0.050	07/24/2026	ND	1.98	99.0	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/24/2026	ND	2.02	101	2.00	3.60		
Total Xylenes*	<0.150	0.150	07/24/2026	ND	6.04	101	6.00	3.22		
Total BTEx	<0.300	0.300	07/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/23/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2026	ND	207	103	200	0.779	
DRO >C10-C28*	<10.0	10.0	07/23/2026	ND	203	101	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	07/23/2026	ND					

Surrogate: 1-Chlorooctane 85.2 % 48-117

Surrogate: 1-Chlorooctadecane 81.5 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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

Pg 1 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 2 of 2

Company Name: Ensolum, LLC Project Manager: Tracy Hillard Address: 3122 National Parks Hwy City: Carlsbad Phone #: 575-937-3906 Fax #: Project #: 03C1558840 Project Owner: XTO Energy, Inc Project Name: Highlander Compressor Station Project Location: 32 20464, -103 87054 Sampler Name: Johnny Rios		BILL TO P.O. #: Company: XTO Energy, Inc Attn: Dale Woodall Address: 3104 E Greene St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D. Sample I.D. BH32A BH37 BH37A BH38 BH38A 3' Surface 4' 1' 2' (G) RAB OR (C) OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME		MATRIX PRESERV SAMPLING CHLORIDES TPH BTX 1015 1018 1027 1028 1011	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: Corrected Temp. °C:		Sample Condition Cool ☐ Intact ☐ Yes ☐ No ☐ CHECKED BY: (Initials)	
Relinquished By: Date: Time: Received By: Date: Time:		REMARKS: Incident: nA/P2606138393 Cost Center: 2250241001 GFCM: 48605000 - Spills Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:	

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

August 07, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 07/23/26 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH42 SURFACE	H264159-01	Soil	22-Jul-26 09:24	23-Jul-26 15:00
BH42A 1'	H264159-02	Soil	22-Jul-26 09:36	23-Jul-26 15:00
BH41 1'	H264159-03	Soil	22-Jul-26 09:48	23-Jul-26 15:00
BH41A 4'	H264159-04	Soil	22-Jul-26 09:53	23-Jul-26 15:00
BH39 SURFACE	H264159-05	Soil	22-Jul-26 09:25	23-Jul-26 15:00
BH39A 3'	H264159-06	Soil	22-Jul-26 09:35	23-Jul-26 15:00
BH40 SURFACE	H264159-07	Soil	22-Jul-26 09:44	23-Jul-26 15:00
BH40A 2'	H264159-08	Soil	22-Jul-26 09:51	23-Jul-26 15:00
SS26 SURFACE	H264159-09	Soil	22-Jul-26 11:11	23-Jul-26 15:00
SS26A 2'	H264159-10	Soil	22-Jul-26 11:16	23-Jul-26 15:00
SS27 SURFACE	H264159-11	Soil	22-Jul-26 11:21	23-Jul-26 15:00
SS28 SURFACE	H264159-12	Soil	22-Jul-26 11:35	23-Jul-26 15:00
SS29 SURFACE	H264159-13	Soil	22-Jul-26 11:37	23-Jul-26 15:00
SS29A 1'	H264159-14	Soil	22-Jul-26 11:43	23-Jul-26 15:00
SS30 SURFACE	H264159-15	Soil	22-Jul-26 11:14	23-Jul-26 15:00
SS30A 1'	H264159-16	Soil	22-Jul-26 11:25	23-Jul-26 15:00
SS31 SURFACE	H264159-17	Soil	22-Jul-26 11:52	23-Jul-26 15:00
SS31A 2'	H264159-18	Soil	22-Jul-26 11:57	23-Jul-26 15:00
SS32 SURFACE	H264159-19	Soil	22-Jul-26 12:10	23-Jul-26 15:00
SS32A 1'	H264159-20	Soil	22-Jul-26 12:12	23-Jul-26 15:00

08/07/26 - Client changed the sample dates on all samples (see COC). This is the revised report and will replace the one sent on 07/29/26.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH42 SURFACE
H264159-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.7 %	70.7-129		6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	4390		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	1180		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			88.0 %	48-117		6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			191 %	39-120		6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH42A 1'
H264159-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.9 %		70.7-129	6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			83.3 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			84.4 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH41 1'
H264159-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.5 %	70.7-129		6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			80.9 %	48-117		6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			78.9 %	39-120		6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH41A 4'
H264159-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %		70.7-129	6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			83.0 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			80.1 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH39 SURFACE**H264159-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.4 %		70.7-129	6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			81.8 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.1 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH39A 3'
H264159-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.5 %	70.7-129		6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			79.0 %	48-117		6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			75.9 %	39-120		6072411	JF	26-Jul-26	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH40 SURFACE**H264159-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.4 %		70.7-129	6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			84.9 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			82.7 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

BH40A 2'
H264159-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %		70.7-129	6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			82.7 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.9 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS26 SURFACE**H264159-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072410	JH	28-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072410	JH	28-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.2 %		70.7-129	6072410	JH	28-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			82.8 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			80.6 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS26A 2'
H264159-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.1 %		48-117	6072411	JF	26-Jul-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.5 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS27 SURFACE**H264159-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	6072362	ED	23-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 70.7-129 6072419 JH 27-Jul-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane 83.1 % 48-117 6072411 JF 26-Jul-26 8015B

Surrogate: 1-Chlorooctadecane 79.8 % 39-120 6072411 JF 26-Jul-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS28 SURFACE**H264159-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.1 %		70.7-129	6072419	JH	27-Jul-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
Surrogate: 1-Chlorooctane			84.9 %		48-117	6072411	JF	26-Jul-26	8015B	
Surrogate: 1-Chlorooctadecane			81.5 %		39-120	6072411	JF	26-Jul-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS29 SURFACE
H264159-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.8 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			81.3 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			78.6 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS29A 1'
H264159-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.5 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			85.9 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			84.1 %		39-120	6072411	JF	26-Jul-26	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS30 SURFACE**H264159-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.1 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072411	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			83.4 %		48-117	6072411	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			80.6 %		39-120	6072411	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS30A 1'
H264159-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.9 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			84.5 %		48-117	6072412	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.5 %		39-120	6072412	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS31 SURFACE**H264159-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.9 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			86.0 %		48-117	6072412	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			82.5 %		39-120	6072412	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS31A 2'
H264159-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.9 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			91.2 %		48-117	6072412	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.8 %		39-120	6072412	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS32 SURFACE**H264159-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.7 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			90.7 %		48-117	6072412	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			84.8 %		39-120	6072412	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

SS32A 1'
H264159-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6072601	HM	27-Jul-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6072419	JH	27-Jul-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6072419	JH	27-Jul-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.8 %		70.7-129	6072419	JH	27-Jul-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6072412	JF	26-Jul-26	8015B	

Surrogate: 1-Chlorooctane			90.6 %		48-117	6072412	JF	26-Jul-26	8015B	
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Surrogate: 1-Chlorooctadecane			86.0 %		39-120	6072412	JF	26-Jul-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 6072362 - 1:4 DI Water**Blank (6072362-BLK1)**

Prepared & Analyzed: 23-Jul-26

Chloride	ND	16.0	mg/kg						
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LCS (6072362-BS1)

Prepared & Analyzed: 23-Jul-26

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (6072362-BSD1)

Prepared & Analyzed: 23-Jul-26

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20	
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Batch 6072601 - 1:4 DI Water**Blank (6072601-BLK1)**

Prepared & Analyzed: 27-Jul-26

Chloride	ND	16.0	mg/kg						
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LCS (6072601-BS1)

Prepared & Analyzed: 27-Jul-26

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (6072601-BSD1)

Prepared & Analyzed: 27-Jul-26

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STAT1
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6072410 - Volatiles**Blank (6072410-BLK1)**

Prepared: 24-Jul-26 Analyzed: 28-Jul-26

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		95.0	70.7-129			

LCS (6072410-BS1)

Prepared: 24-Jul-26 Analyzed: 28-Jul-26

Benzene	2.22	0.050	mg/kg	2.00		111	93.2-121			
Toluene	2.16	0.050	mg/kg	2.00		108	88.7-117			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	81.4-123			
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	76.3-126			
o-Xylene	2.01	0.050	mg/kg	2.00		101	76.2-125			
Total Xylenes	6.04	0.150	mg/kg	6.00		101	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0462		mg/kg	0.0500		92.4	70.7-129			

LCS Dup (6072410-BSD1)

Prepared: 24-Jul-26 Analyzed: 28-Jul-26

Benzene	2.26	0.050	mg/kg	2.00		113	93.2-121	1.77	7.62	
Toluene	2.17	0.050	mg/kg	2.00		109	88.7-117	0.584	9.57	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	81.4-123	0.862	11	
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	76.3-126	0.826	11.2	
o-Xylene	2.02	0.050	mg/kg	2.00		101	76.2-125	0.255	11	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	76.6-125	0.636	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0469		mg/kg	0.0500		93.8	70.7-129			

Batch 6072419 - Volatiles**Blank (6072419-BLK1)**

Prepared: 24-Jul-26 Analyzed: 27-Jul-26

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							

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STAT1
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

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 6072419 - Volatiles**Blank (6072419-BLK1)**

Prepared: 24-Jul-26 Analyzed: 27-Jul-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.3	70.7-129			

LCS (6072419-BS1)

Prepared: 24-Jul-26 Analyzed: 27-Jul-26

Benzene	2.09	0.050	mg/kg	2.00		104	93.2-121			
Toluene	1.97	0.050	mg/kg	2.00		98.5	88.7-117			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	81.4-123			
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.8	76.3-126			
o-Xylene	1.93	0.050	mg/kg	2.00		96.6	76.2-125			
Total Xylenes	5.80	0.150	mg/kg	6.00		96.7	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0466		mg/kg	0.0500		93.1	70.7-129			

LCS Dup (6072419-BS1)

Prepared: 24-Jul-26 Analyzed: 27-Jul-26

Benzene	2.05	0.050	mg/kg	2.00		103	93.2-121	1.55	7.62	
Toluene	1.94	0.050	mg/kg	2.00		97.0	88.7-117	1.60	9.57	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.6	81.4-123	1.40	11	
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.3	76.3-126	1.59	11.2	
o-Xylene	1.90	0.050	mg/kg	2.00		95.1	76.2-125	1.56	11	
Total Xylenes	5.71	0.150	mg/kg	6.00		95.2	76.6-125	1.58	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0475		mg/kg	0.0500		95.0	70.7-129			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STAT1
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 6072411 - General Prep - Organics**Blank (6072411-BLK1)**

Prepared: 24-Jul-26 Analyzed: 25-Jul-26

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	41.9		mg/kg	50.0		83.8	48-117		
Surrogate: 1-Chlorooctadecane	39.1		mg/kg	50.0		78.3	39-120		

LCS (6072411-BS1)

Prepared: 24-Jul-26 Analyzed: 25-Jul-26

GRO C6-C10	203	10.0	mg/kg	200		102	80.3-117		
DRO >C10-C28	187	10.0	mg/kg	200		93.4	73.6-125		
Total TPH C6-C28	390	10.0	mg/kg	400		97.5	78.1-120		
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	48-117		
Surrogate: 1-Chlorooctadecane	41.3		mg/kg	50.0		82.6	39-120		

LCS Dup (6072411-BS1)

Prepared: 24-Jul-26 Analyzed: 25-Jul-26

GRO C6-C10	200	10.0	mg/kg	200		100	80.3-117	1.69	7.91
DRO >C10-C28	187	10.0	mg/kg	200		93.4	73.6-125	0.0573	9.09
Total TPH C6-C28	387	10.0	mg/kg	400		96.7	78.1-120	0.904	8.12
Surrogate: 1-Chlorooctane	48.4		mg/kg	50.0		96.7	48-117		
Surrogate: 1-Chlorooctadecane	42.2		mg/kg	50.0		84.4	39-120		

Batch 6072412 - General Prep - Organics**Blank (6072412-BLK1)**

Prepared: 24-Jul-26 Analyzed: 26-Jul-26

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	42.1		mg/kg	50.0		84.2	48-117		
Surrogate: 1-Chlorooctadecane	38.9		mg/kg	50.0		77.7	39-120		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: HIGHLANDER COMPRESSOR STATI
Project Number: 03C1558840
Project Manager: TRACY HILLARD
Fax To:

Reported:
07-Aug-26 16:59

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6072412 - General Prep - Organics**LCS (6072412-BS1)**

Prepared: 24-Jul-26 Analyzed: 26-Jul-26

GRO C6-C10	202	10.0	mg/kg	200		101	80.3-117			
DRO >C10-C28	200	10.0	mg/kg	200		99.8	73.6-125			
Total TPH C6-C28	402	10.0	mg/kg	400		100	78.1-120			
Surrogate: 1-Chlorooctane	42.8		mg/kg	50.0		85.6	48-117			
Surrogate: 1-Chlorooctadecane	40.9		mg/kg	50.0		81.8	39-120			

LCS Dup (6072412-BS1)

Prepared: 24-Jul-26 Analyzed: 26-Jul-26

GRO C6-C10	205	10.0	mg/kg	200		102	80.3-117	1.26	7.91	
DRO >C10-C28	194	10.0	mg/kg	200		96.8	73.6-125	3.00	9.09	
Total TPH C6-C28	398	10.0	mg/kg	400		99.5	78.1-120	0.837	8.12	
Surrogate: 1-Chlorooctane	44.0		mg/kg	50.0		88.1	48-117			
Surrogate: 1-Chlorooctadecane	41.6		mg/kg	50.0		83.2	39-120			

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

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

Celey D. Keene, Lab Director/Quality Manager

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

Lab I.D.		Sample I.D.		Depth (feet)	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV.	SAMPLING			
							GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME
BH42	Surface	G	1				X							X		7/26/2026	0924
BH42A	1'	G	1				X							X		7/26/2026	0936
BH41	1'	G	1				X							X		7/26/2026	0948
BH41A	4'	G	1				X							X		7/26/2026	0953
BH39	Surface	G	1				X							X		7/26/2026	0925
BH39A	3'	G	1				X							X		7/26/2026	0935
BH40	Surface	G	1				X							X		7/26/2026	0944
BH40A	2'	G	1				X							X		7/26/2026	0951
SS26	Surface	G	1				X							X		7/26/2026	1111
SS26A	2'	G	1				X							X		7/26/2026	1116

Page 29 of 30

Pg 2 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC				BILL TO				P.O. #:								
Project Manager: Tracy Hillard				Company: XTO Energy, Inc				ANALYSIS REQUEST								
Address: 3122 National Parks Hwy				Attn: Dale Woodall												
City: Carlsbad	State: NM	Zip: 88220														
Phone #: 575-937-3906	Fax #:			Address: 3104 E Greene St												
Project #: 03C1558840	Project Owner: XTO Energy, Inc			City: Carlsbad												
Project Name: Highlander Compressor Station				State: NM				Zip: 88220								
Project Location: 32 2046A, -103 87054				Phone #:												
Sample Name: Johnny Rios				Fax #:												

Lab I.D.		Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP		# CONTAINERS	MATRIX						PRESERV	SAMPLING	CHLORIDES				TPH				BTEX											
							GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :																	
H24459	11	SS27	Surface	G	1	X									7/28/2026	1121	X	X	X															
	12	SS28	Surface	G	1	X									7/28/2026	1135	X	X	X															
	13	SS29	Surface	G	1	X									7/28/2026	1137	X	X	X															
	14	SS29A	1'	G	1	X									7/28/2026	1143	X	X	X															
	15	SS30	Surface	G	1	X									7/28/2026	1114	X	X	X															
	16	SS30A	1'	G	1	X									7/28/2026	1125	X	X	X															
	17	SS31	Surface	G	1	X									7/28/2026	1152	X	X	X															
	18	SS31A	2'	G	1	X									7/28/2026	1157	X	X	X															
	19	SS32	Surface	G	1	X									7/28/2026	1210	X	X	X															
	20	SS32A	1'	G	1	X									7/28/2026	1212	X	X	X															

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Relinquished By: [Signature]		Date: 7-23-26		Received By: [Signature]		Date: 7-23-26	
Time: 1:50				Received By: [Signature]			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C : 1.0		Cool Intact : Yes ☒ No ☐		SAMPLE CONDITION : Cool ☒ Intact ☐ Yes ☐ No ☐	
		Corrected Temp. °C : 1.1				CHECKED BY: [Initials] [Signature]	
REMARKS: Incident: nAPP2606139393 Cost Center: 2250241001 GFCM: 48605000 - Spills Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____ All Results are emailed. Please provide Email address: robert.d.woodall@ensolum.com Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition: Cool ☐ Intact ☐ Observed Temp. °C: _____ Corrected Temp. °C: _____ Thermometer ID: H440.1 Correction Factor: +0.1°C							

*** Customer requested Date Changes.**



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

August 20, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: HIGHLANDER COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 08/14/26 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS07 SURFACE (H264779-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2026	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 106 % 48-117

Surrogate: 1-Chlorooctadecane 99.5 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS07A 3' (H264779-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/19/2026	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	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 108 % 48-117

Surrogate: 1-Chlorooctadecane 103 % 39-120

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS07B 4' (H264779-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/19/2026	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	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 116 % 48-117

Surrogate: 1-Chlorooctadecane 113 % 39-120

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Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS33 SURFACE (H264779-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2026	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	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 115 % 48-117

Surrogate: 1-Chlorooctadecane 113 % 39-120

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Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS34 SURFACE (H264779-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2026	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	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 116 % 48-117

Surrogate: 1-Chlorooctadecane 109 % 39-120

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Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS35 SURFACE (H264779-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2026	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	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 115 % 48-117

Surrogate: 1-Chlorooctadecane 111 % 39-120

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Analytical Results For:

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

Received: 08/14/2026
Reported: 08/20/2026
Project Name: HIGHLANDER COMPRESSOR STATION
Project Number: 03C1558840
Project Location: XTO 32.20464-103.87054

Sampling Date: 08/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS36 SURFACE (H264779-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2026	ND	2.22	111	2.00	1.99		
Toluene*	<0.050	0.050	08/19/2026	ND	2.10	105	2.00	2.88		
Ethylbenzene*	<0.050	0.050	08/19/2026	ND	1.97	98.6	2.00	2.84		
Total Xylenes*	<0.150	0.150	08/19/2026	ND	5.72	95.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/19/2026	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	08/19/2026	ND	226	113	200	0.0597	
DRO >C10-C28*	<10.0	10.0	08/19/2026	ND	232	116	200	0.350	
EXT DRO >C28-C36	<10.0	10.0	08/19/2026	ND					

Surrogate: 1-Chlorooctane 103 % 48-117

Surrogate: 1-Chlorooctadecane 97.3 % 39-120

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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

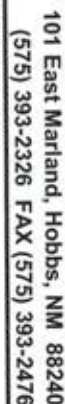
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name Ensolum, LLC										Tracy Hillard		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager:												Company:		XTO Energy, Inc.											
Address: 3122 National Parks Hwy												Attn:		Dale Woodall											
City Carlsbad										State: NM		Zip		88220											
Phone #: 575-937-3906										Fax #:		Address: 3104 E Greene St.													
Project #: 03C1558840										Project Owner XTO Energy, Inc.		City: Carlsbad													
Project Name: Highlander Compressor Station										State: NM		Zip: 88220													
Project Location: 32.20464, -103.87054										Phone #:															
Sampler Name: Dean Ortiz										Fax #:															
FOR LAB USE ONLY																									
Lab I.D.										Sample I.D.		Sample Depth													



APPENDIX F

Spill Volume Calculation

Location:	Highlander Compressor Station	
Spill Date:	2/25/2026	
Incident #:		
Area 1		
Approximate Area =	1,357,910	sq. ft.
Average Saturation (or depth) of spill =	0	inches
Average Porosity Factor =	0.25	
VOLUME OF LEAK		
Total Crude Oil =	0	bbls
Total Produced Water =	0	bbls
Area 2		
Approximate Area =		sq. ft.
Average Saturation (or depth) of spill =		inches
Average Porosity Factor =		
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
Area 3		
Approximate Area =		sq. ft.
Average Saturation (or depth) of spill =		inches
Average Porosity Factor =		
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	0	bbls
Total Produced Water =	0	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	0	bbls
Total Produced Water =	0	bbls

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

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

QUESTIONS

Action 617138

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2606139393
Incident Name	NAPP2606139393 HIGHLANDER COMPRESSOR STATION @ F-22-24S-30E
Incident Type	Fire
Incident Status	Remediation Plan Received

Location of Release Source*Please answer all the questions in this group.*

Site Name	HIGHLANDER COMPRESSOR STATION
Date Release Discovered	02/25/2026
Surface Owner	Federal

Incident Details*Please answer all the questions in this group.*

Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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: Fire Other (Specify) Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	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)	There were no fluids involved with this incident

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

QUESTIONS, Page 2

Action 617138

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	No fluid was involved with this incident

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: 08/24/2026
--	---

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Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 617138

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Zero feet, overlying, or within area
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
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 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Zero feet, overlying, or within area
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	144
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5570
GRO+DRO (EPA SW-846 Method 8015M)	4390
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/09/2026
On what date will (or did) the final sampling or liner inspection occur	11/13/2026
On what date will (or was) the remediation complete(d)	11/13/2026
What is the estimated surface area (in square feet) that will be reclaimed	1357910
What is the estimated volume (in cubic yards) that will be reclaimed	20
What is the estimated surface area (in square feet) that will be remediated	1357910
What is the estimated volume (in cubic yards) that will be remediated	20
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 617138

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 08/24/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

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QUESTIONS, Page 5

Action 617138

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 617138

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	612356
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2026
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	2400

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	No
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CONDITIONS

Action 617138

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 617138
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	9/1/2026