

July 7, 2025

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

Re: Closure Request

Row 5 West Booster Station Incident Number NAPP2428259758 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document excavation and soil sampling activities performed at the Row 5 West Booster Station (Site). The purpose of excavation and soil sampling activities, conducted in accordance with an approved *Remediation Work Plan* (*Work Plan*), was to address impacts to soil resulting from a release of produced water at the Site. XTO is submitting this *Closure Request*, describing excavation and soil sampling activities that have occurred and requesting no further remediation for Incident Number NAPP2428259758.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit K, Section 20, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.1142303°, -103.9071374°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On October 8, 2024, a pump failed resulting in the release of 187 barrels (bbls) of produced water onto a pipeline right-of-way (ROW) and into a pasture area. No fluids were recovered. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) submitted on October 8, 2024, and subsequently submitted the Initial C-141 Application (C-141) on October 9, 2024. The release was assigned Incident Number NAPP2428259758.

Ensolum conducted Site assessment and delineation activities across an estimated 72,456 square-foot release area. Delineation soil sample laboratory analytical results indicated total petroleum hydrocarbons (TPH) and/or chloride impacts to soil existed up to a maximum depth of 4 feet below ground surface (bgs). The results were presented in a *Work Plan*, which was submitted on January 2, 2025, and approved by the NMOCD on January 6, 2025, with conditions. The *Work Plan* proposed excavation of impacted soil and confirmation soil sampling that included a 400 square-foot sampling frequency variance for all confirmation floor soil samples. The sampling variance frequency was approved. Delineation soil sample locations are provided on Figure 1. The NMOCD *Work Plan* conditions of approval are below.

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

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delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance request to collect floor samples every 400 ft2 is approved. 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.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As documented in the approved *Work Plan*, 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

TPH-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg

TPH: 2,500 mg/kg

Chloride: 20,00 mg/kg

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

EXCAVATION AN SOIL SAMPLING ACTIVITIES

Prior to beginning excavation activities and the utilization of heavy equipment at the Site, work authorization was needed from the BLM. A BLM Sundry was submitted to the BLM on November 5, 2024, and was approved by BLM on December 6, 2024. The authorization to proceed email by the BLM is provided in Appendix A.

Ensolum personnel were onsite between February 13 and March 24, 2025, to oversee excavation of impacted soil according to the approved *Work Plan.* Excavation activities were performed by use of heavy equipment. To direct excavation activities, soil was field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Once field screening indicated impacted soil was adequately removed, 5-point composite confirmation soil samples were collected every 400 square feet from the floor of the excavation and every 200 square feet from sidewall of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples FS01 through FS208 were collected from the floor of the excavation at depths ranging from 1-foot to 4 feet bgs. Confirmation soil samples SW01 through SW11 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 4 feet bgs. The excavation extent and confirmation soil sample locations were mapped utilizing a Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation of the excavation activities are provided in Appendix B.

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



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After review of confirmation soil sample analytical results, impacted soil was identified in multiple soil sample locations near the north ROW area, where the release occurred. Ensolum personnel returned to the Site between April 28 and May 21, 2025, to oversee the excavation of these soil impacts. Analytical results for confirmation soil samples FS191, FS194, FS195, FS200 through FS208, and SW11 indicated COC concentrations exceeded the reclamation requirement. Due to several active pipelines in the area, a hydrovac truck was utilized to complete the excavation to depths ranging from 2 feet to 3 feet bgs. Following the removal of the soil, confirmation soil samples FS191A, FS194A, FS195A, FS200A through FS208A, and SW11 were subsequently collected. The confirmation soil samples were handled and submitted for the same COCs as described above and submitted to Cardinal. The confirmation soil sample locations were mapped utilizing a GPS unit and are depicted on Figure 2.

The final excavation extent measured approximately 81,740 square feet. A total of approximately 7,060 cubic yards of impacted soil was removed during the excavation activities. The impacted soil is in the process of being transported and disposed of at Owl Landfill Services, LLC located in Jal, New Mexico. Copies of soil disposal manifests are available upon request. The final excavation was fenced off pending backfilling.

LABORATORY ANALYTICAL RESULTS

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

CLOSURE REQUEST

Excavation activities were conducted at the Site as indicated in the *Work Plan* to address the October 2024 release of produced water. A copy of the approved *Work Plan* is presented in Appendix D. Laboratory analytical results for all confirmation soil samples collected from the final excavation extent indicated COC concentrations were compliant with the Closure Criteria and reclamation requirements. Based on the soil sample laboratory analytical results, no further remediation is required. The excavation will be backfilled with material purchased locally and the Site will be recontoured to match pre-existing Site conditions.

Excavation of soil has mitigated impacts to soil that exceeded Closure Criteria and reclamation requirements at the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests no further remediation for Incident Number NAPP2428259758.



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

Sincerely, **Ensolum, LLC**

Jeremy Reich Project Geologist Tacoma Morrissey, MS Associate Principal

cc: Colton Brown, XTO

Kaylan Dirkx, XTO

BLM

Appendices:

Figure 1 Delineation Soil Sample Locations
Figure 2 Confirmation Soil Sample Locations
Table 1 Soil Sample Analytical Results
Appendix A BLM Land Access Approval

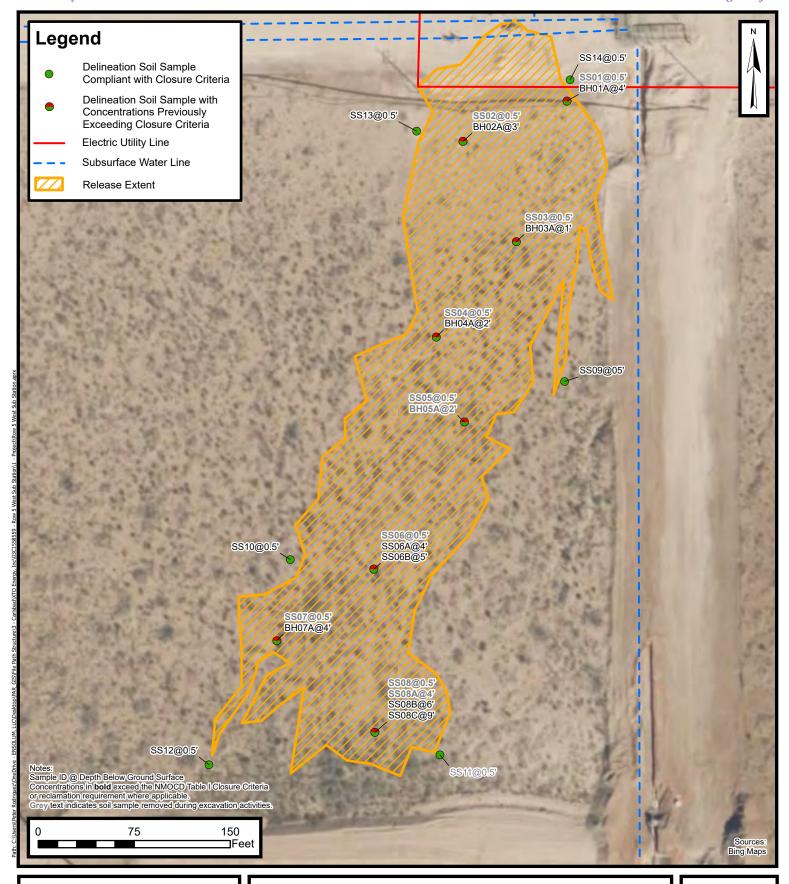
Appendix B Photographic Log

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

Appendix D Remediation Work Plan dated January 2, 2025



FIGURES





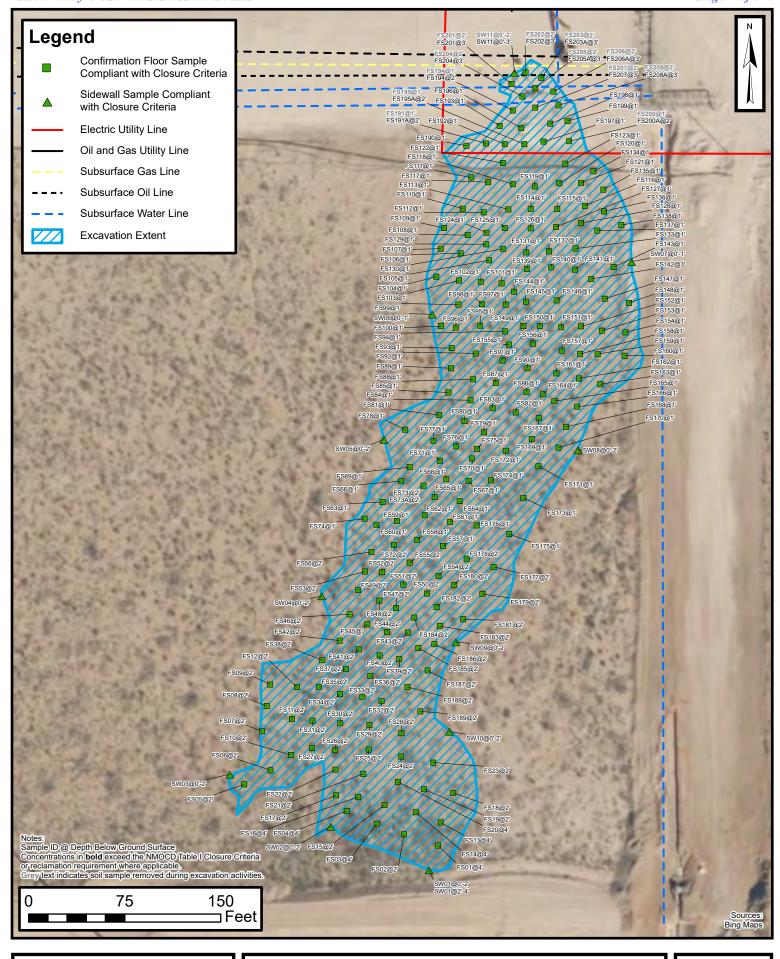
Delineation Soil Sample Locations

XTO Energy, Inc Row 5 West Sub Station

Incident Number: NAPP2428259758

Unit K, Sec. 20, T25S, 30E Eddy County, New Mexico **FIGURE**

1





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Confirmation Soil Sample Locations

XTO Energy, Inc Row 5 West Sub Station Incident Number: NAPP2428259758

Unit K, Sec. 20, T25S, 30E Eddy County, New Mexico FIGURE

2



TABLES



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Deli	neation Soil Sa	mples				
SS01	10/31/2024	0.5	<0.050	<0.300	<10.0	625	120	625	745	2,720
BH01A	11/21/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	10/31/2024	0.5	<0.050	<0.300	<10.0	155	25.7	155	181	4,880
BH02A	11/21/2024	3	<0.050	<0.300	<10.0	45.7	<10.0	45.7	45.7	224
SS03	10/31/2024	0.5	<0.050	<0.300	<10.0	1,420	289	1,420	1,709	3,480
BH03A	11/21/2024	1	<0.050	<0.300	<10.0	42.8	<10.0	42.8	42.8	208
SS04	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
BH04A	11/21/2024	2	<0.050	<0.300	<10.0	38.5	<10.0	38.5	38.5	96.0
SS05	10/31/2024	0.5	<0.050	<0.300	<10.0	122	16.1	122	138	2,040
BH05A	11/21/2024	2	<0.050	<0.300	<10.0	3,090	666	3,090	3,756	144
SS06	10/31/2024	0.5	<0.050	2.53	320	4,590	588	4,910	5,498	2,400
BH06A	11/21/2024	4	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH06B	11/21/2024	5	<0.050	<0.300	<10.0	31.5	<10.0	31.5	31.5	112
SS07	10/31/2024	0.5	<0.050	<0.300	<10.0	226	55.1	226	281	2,200
BH07A	11/21/2024	4	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SS08	10/31/2024	0.5	<0.050	<0.300	<10.0	608	113	608	721	3,040
BH08A	11/21/2024	4	<0.050	<0.300	<10.0	151	25.8	151	177	64.0
BH08B	11/21/2024	6	< 0.050	<0.300	<10.0	16.0	<10.0	16.0	16.0	48.0
BH08C	11/21/2024	9	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS09	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS10	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS11	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS12	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS13	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS14	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
				Confirma	ation Floor Soil	Samples				
FS01	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
FS02	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS03	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176

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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 C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS04	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS05	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS06	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS07	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS08	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS09	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS10	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS11	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS12	02/19/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
FS13	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS14	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS15	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS16	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS17	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS18	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS19	02/25/2025	2	<0.050	<0.300	<10.0	10.5	<10.0	10.5	10.5	160
FS20	03/06/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS21	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
FS22	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS23	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS24	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS25	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS26	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS27	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS28	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS29	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS30	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS31	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS32	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS33	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS34	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS35	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS36	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS37	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS38	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS39	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS40	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS41	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS42	02/25/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS43	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS44	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS45	03/17/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS46	02/26/2025	2	<0.050	<0.300	<10.0	15.6	<10.0	15.6	15.6	288
FS47	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS48	02/26/2025	2	<0.050	<0.300	<10.0	10.4	<10.0	10.4	10.4	288
FS49	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS50	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS51	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS52	02/26/2025	2	<0.050	<0.300	<10.0	24.0	<10.0	24.0	24.0	400
FS53	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS54	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS55	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS56	02/26/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS57	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS58	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS59	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS60	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS61	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS62	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS63	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS64	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS65	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS66	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS67	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS68	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS69	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS70	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS71	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS72	03/06/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
FS73	02/26/2025	2	<0.050	<0.300	<10.0	34.0	<10.0	34.0	34.0	320
FS73A	03/06/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS74	02/26/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS75	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS76	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS77	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS78	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS79	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS80	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS81	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS82	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS83	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS84	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS85	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS86	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS87	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS88	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS89	03/03/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS90	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS91	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS92	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS93	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS94	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS95	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS96	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS97	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS98	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS99	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS100	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS101	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS102	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS103	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS104	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS105	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS106	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS107	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS108	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS109	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS110	03/05/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS111	03/11/2025	1	<0.050	<0.300	<10.0	11.6	<10.0	11.6	11.6	160
FS112	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS113	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS114	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS115	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS116	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS117	03/11/2025	1	<0.050	<0.300	<10.0	46.4	<10.0	46.4	46.4	256
FS118	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS119	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS120	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS121	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS122	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I CI	osure Criteria (l		10	50	NE NE	NE NE	NE NE	1,000	2,500	20,000
FS123	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS124	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS125	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS126	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS127	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS128	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS129	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
FS130	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS131	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS132	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS133	03/11/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS134	03/13/2025	1	<0.050	<0.300	<10.0	30.6	<10.0	30.6	30.6	352
FS135	03/13/2025	1	<0.050	<0.300	<10.0	11.6	<10.0	11.6	11.6	176
FS136	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS137	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS138	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS139	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS140	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS141	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS142	03/13/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS143	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS144	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS145	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS146	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS147	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS148	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS149	03/13/2025	1	<0.050	<0.300	<10.0	22.7	<10.0	22.7	22.7	304
FS150	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS151	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS152	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

Ensolum

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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 C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS153	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS154	03/13/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS155	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS156	03/17/2025	1	<0.050	<0.300	<10.0	14.1	<10.0	14.1	14.1	80.0
FS157	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS158	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS159	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS160	03/17/2025	1	<0.050	<0.300	<10.0	22.0	<10.0	22.0	22.0	112
FS161	03/17/2025	1	<0.050	<0.300	<10.0	14.1	<10.0	14.1	14.1	144
FS162	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS163	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS164	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS165	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS166	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS167	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS168	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
FS169	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS170	03/17/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS171	03/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS172	03/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS173	03/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
FS174	03/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS175	03/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS176	03/24/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS177	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
FS178	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS179	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS180	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS181	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS182	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I CI	osure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS183	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS184	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS185	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS186	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS187	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS188	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS189	03/24/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS190	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS191	03/21/2025	1	<0.050	<0.300	<10.0	55.5	<10.0	55.5	55.5	896
FS191A	04/28/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS192	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS193	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS194	03/21/2025	1	<0.050	<0.300	<10.0	69.1	<10.0	69.1	69.1	1,020
FS194	05/21/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS195	03/21/2025	1	<0.050	<0.300	<10.0	426	65.5	426	492	1,490
FS195A	04/28/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS196	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS197	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS198	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS199	03/21/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS200	03/21/2025	1	<0.050	<0.300	<10.0	96.4	<10.0	96.4	96.4	1,100
FS200A	04/28/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS201	03/21/2025	2	<0.050	<0.300	<10.0	1,120	184	1,120	1,30 4	3,240
FS201	05/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS202	03/21/2025	2	<0.050	<0.300	<10.0	74.5	14.4	74.5	88.9	2,040
FS202	05/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS203	03/21/2025	2	<0.050	<0.300	<10.0	202	22.2	202	224	1,840
FS203A	04/28/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS204	03/21/2025	2	<0.050	<0.300	<10.0	92.7	13.0	92.7	106	1,960
FS204	05/29/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS205	03/21/2025	2	<0.050	<0.300	<10.0	784	179	784	963	1,800
FS205A	04/28/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS206	03/21/2025	2	<0.050	<0.300	<10.0	863	195	863	1,058	2,120
FS206A	04/28/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS207	03/21/2025	2	<0.050	<0.300	<10.0	561	128	561	689	1,880
FS207	05/21/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS208	03/21/2025	2	<0.050	<0.300	<10.0	574	127	574	701	2,160
FS208A	04/28/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
				Confirmat	ion Sidewall So	oil Samples				
SW01	02/26/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW01	03/06/2025	2-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW02	02/20/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW03	02/20/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW04	03/03/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW05	03/03/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW06	03/03/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW07	03/24/2025	0-1	<0.050	<0.300	<10.0	19.0	<10.0	19.0	19.0	144
SW08	03/17/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW09	03/17/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW10	03/17/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW11	03/21/2025	0-2	<0.050	<0.300	<10.0	357	87.3	357	444	2,050
SW11	05/21/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

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

BLM Land Access Approval



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

Well Name: POKER LAKE UNIT 20-8 Well Location: T25S / R30E / SEC 20 / County or Parish/State: EDDY /

NESW / 32.112273 / -103.905919

Well Number: 103H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMLC064894 Unit or CA Name: Unit or CA Number:

LLC

Notice of Intent

Sundry ID: 2820858

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 11/05/2024 Time Sundry Submitted: 11:05

Date proposed operation will begin: 12/02/2024

Procedure Description: XTO Permian Operating LLC., (XTO) respectfully requests access to an off-pad area located approximately 0.12 miles northwest of the Poker Lake Unit 20 8 BD #103H well pad location in order to complete remediation activities related to a release (Incident Number NAPP2428259758) which occurred on October 10, 2024. The release occurred on a right-of-way (ROW) at GPS 32.1142303, -103.9071374 and flowed into the adjacent pasture area. Excavation of impacted soil is needed utilizing heavy equipment (backhoe, trackhoe, front loader, and hydrovacuum truck). After successful completion of remediation efforts, the disturbed areas will be backfilled with topsoil purchased locally and re-contoured to match pre-existing site conditions and re-seeded with the recommended BLM seed mixture. Please see the attached Site Maps.

Surface Disturbance

Is any additional surface disturbance proposed?: Yes

Proposed Disturbance(acres): 9.51 Interim Reclamation (acres): 0.0 Long Term Disturbance

(acres): 0.0

Surface Disturbance:

NOI Attachments

Surface Disturbance

PLU_20_8_BD_103H___Row_5_Sub_Station_Site_Map_20241105105947.pdf

XTO_ROW_5_West_Sub_Station_Site_Map_20241105105843.pdf

eived by OCD: 7/8/2025 12:00:26 AM Well Name: POKER LAKE UNIT 20-8

BD

Well Location: T25S / R30E / SEC 20 /

NESW / 32.112273 / -103.905919

County or Parish/State: Page 20 9f 3

NM

Well Number: 103H

Type of Well: CONVENTIONAL GAS

Allottee or Tribe Name:

Lease Number: NMLC064894

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001553238

Operator: XTO PERMIAN OPERATING

Operator

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

Signed on: NOV 05, 2024 11:01 AM **Operator Electronic Signature: SHERRY MORROW**

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 218-3671

Email address: SHERRY.MORROW@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CRISHA A MORGAN

BLM POC Phone: 5752345987

Disposition: Approved

Signature: CRISHA A. MORGAN

BLM POC Title: Environmental Protection Specialist

BLM POC Email Address: camorgan@blm.gov

Disposition Date: 12/06/2024

Page 2 of 2

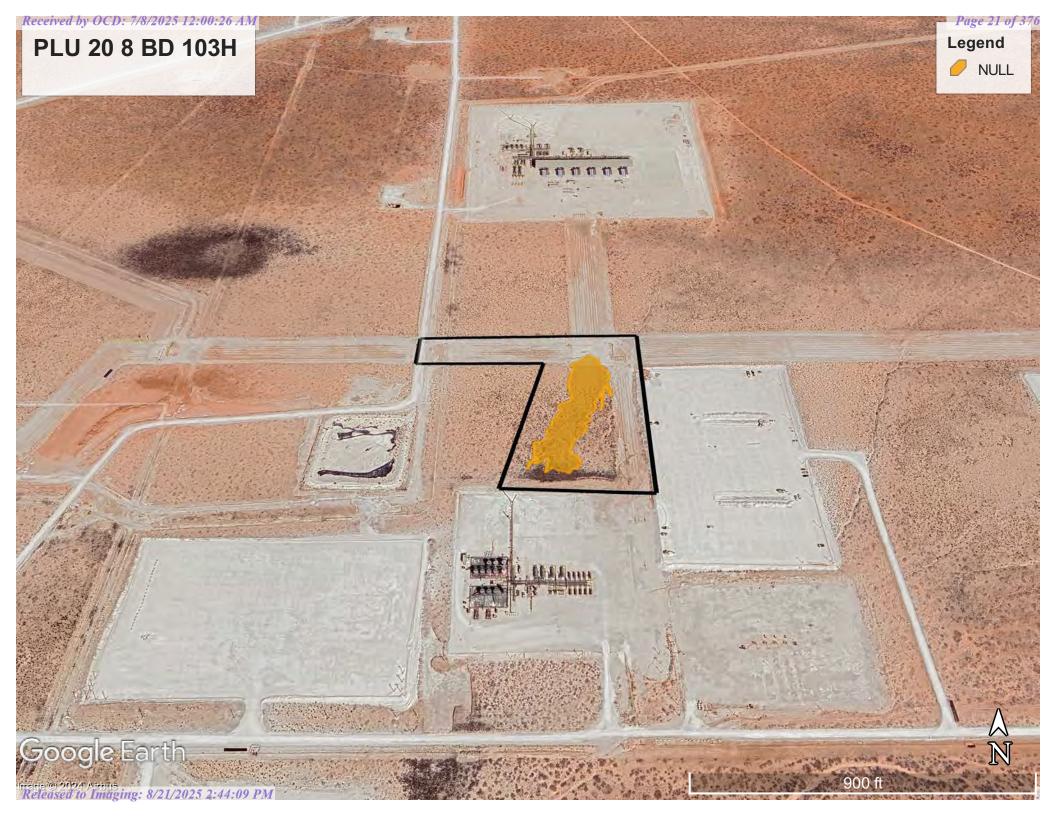
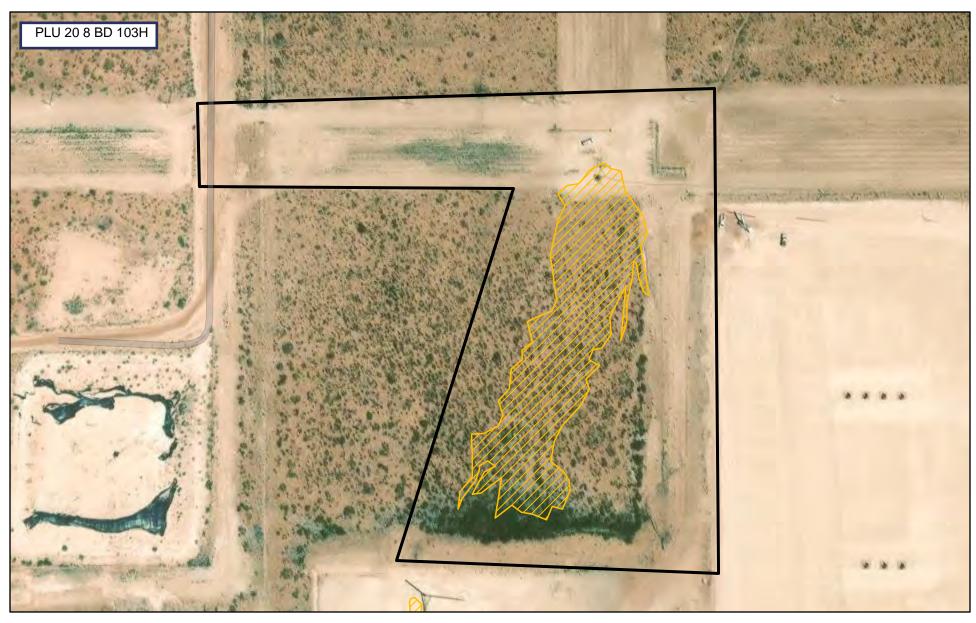


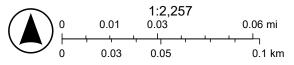
Figure 1: ROW 5 West Sub Station - BLM Requested Area of Disturbance



LEGEND

Requested Area of Disturbance

Release Extent



Maxar, Microsoft, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph,



APPENDIX B

Photographic Log



Photographic Log

XTO Energy, Inc. Row 5 West Booster Station nAPP2428259758





Photograph: 1 Date: 2/17/2025

Description: Area near SW01, FS01, FS02, FS03

View: Southwest

Photograph: 2 Date: 2/20/2025

Description: Area near FS11, FS30, FS31, FS27, FS26, FS10, FS07, FS06, SW02, SW03

View: Southwest





Photograph: 3 Date: 2/25/2025

Description: Excavation near SW02, FS04, FS17, FS16, FS15, FS22, FS21

View: North

Date: 2/26/2025 Photograph: 4

Sampling near FS61, FS57, FS58, FS59 FS178, FS72 FS55 Description:

View: Southwest



Photographic Log

XTO Energy, Inc. Row 5 West Booster Station nAPP2428259758





Photograph: 5 Date: 2/28/2025

Description: Hydro excavation near FS208, FS206

View: West

Photograph: 6 Date: 3/05/2025

Description: Excavation near FS122, FS123. FS111, SW06

View: South





Photograph: 7 Date: 3/12/2025

Description: Sampling near FS146, FS145, FS151, FS150, FS147, FS148, FS154, FS153, SW07

View: Southwest

Photograph: 8 Date: 3/13/2025

Hydro excavation near FS201, FS205, FS203 Description:

View: East



Photographic Log

XTO Energy, Inc. Row 5 West Booster Station nAPP2428259758





Photograph: 9 Date: 4/17/2025

Description: Excavation near SW01, FS01, FS02, FS03, FS04, FS13, FS14, FS15

View: West

Date: 4/28/2025 Photograph: 10

Description: Excavation near FS198, FS 197, FS208, FS207, FS194

View: South





Photograph: 11 Date: 5/21/2025

Description: Sampling near FS201

View: East

Photograph: 12 Date: 5/29/2025

Description: Sampling near FS204

View: Southwest

ENSOLUM

APPENDIX C

Laboratory Analytical Reports &

Chain of Custody Documentation



February 27, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 02/25/25 14:00.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 02 2' (H251107-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/26/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 05 2' (H251107-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	< 0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	< 0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 06 2' (H251107-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 07 2' (H251107-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	18						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 08 2' (H251107-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 09 2' (H251107-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 10 2' (H251107-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 11 2' (H251107-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/25/2025 Sampling Date: 02/19/2025

Reported: 02/27/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 12 2' (H251107-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.86	92.8	2.00	0.0724	
Toluene*	<0.050	0.050	02/26/2025	ND	2.07	104	2.00	0.678	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	2.14	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	6.56	109	6.00	1.22	
Total BTEX	<0.300	0.300	02/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2025	ND	224	112	200	4.81	
DRO >C10-C28*	<10.0	10.0	02/26/2025	ND	215	108	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	02/26/2025	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 Company Name: Ensolum, LLC Project Manager: Jeremy Reich Address: 3122 National Parks Hwy	14y	FAX (575) 393-2476	76. 88990	P.O. #: Company: XTO Attn: Colton Brown			ANALYSIS
City: Carlsbad Phone #: (432) 296-0627	6-0627	State: NM	ZID: 00220	Sa	St.		
Project#: 03C1	03C1558559	Project Owner:		City: Carlsbad	20		
Project Name: F	Row 5 West Sub Station	tion		#- 575-988			
Project Location:	32.1142303, -103.9071374	3,9071374		3			
Sampler Name:	Mario Sarkis			Fax #: SAMPLING	ING		
FOR LAB USE ONLY			S ER				
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL	BTEX TPH	Chlorides	
Loston	FSOD	NO.	Y	-	017 / 0	1	+
11-	FSOS) W	6-	< <	1096	< -	+
201	FS06	U Q			020 1	2	H
1-6	1501	ממ	-	<	1032 V V	2	+
5	2008	2)		,	1034 V V	_	+
16	200	N.	-		1036 V V	, <	+
0	5010	2) 9	5	V	1038 V V		+
90	FS12	219	61	<	10401	5	
PLEASE NOTE: Liability and analyses. All chaims including	d Damages. Cardinal's liability a ig those for negligence and any	other cause whatsoever shall be	any claim arising whether based in contr e deemed walved unless made in writing and the street installed by the street of the st	PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatbower shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatbower shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable.	unt paid by the client for the sys after completion of the applicable ed by client, its subsidiaries.		
service. In no event shall Carr affiliates or successors arising Relinquished By:	ned By:	nance of services her sunder by Card	Received By:	ch claim is based upon any of the above stated to	it: Ire email olum.cor	Yes ☐ No ed. Please pro m / msarkis@ea	Add'I Phone #: rovide Email addre ansolum.com / kthon
Relinquished By:		Date:	Received By:	The state of the s	REMARKS: Incident # Cost Center: 2234991001	Incident #. nAPP2428259758 234991001	2825
Delivered By: (Circle One) Sampler - UPS - Bus - Ot	ircle One) Bus - Other:	Observed Temp.	Cool mitacy Cool mitacy Cool mitacy Cool mitacy No. No. No.	checked BY: (Intials)	Turnaround Time:	Standard Rush #//50	
PORM-000	R 3,2 10/07/21	† Cardina	cannot accept verbal c	Cardinal cannot accept verbal changes. Please email changes to celey.keen	inges to celey.keen	e@cardinallabyhm.com	_



March 05, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 02/27/25 14:00.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 15 2' (H251178-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	5.54	
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	95.8	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.9	% 63.9-15	5						

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Celey D. Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 17 2' (H251178-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	86.4	% 63.9-15	5						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 18 2' (H251178-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	103	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	102	% 63.9-15	5						

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Celey D. Keene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 19 2' (H251178-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	10.5	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	103	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	100	% 63.9-15	5						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 21 2' (H251178-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	98.3	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.7	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 22 2' (H251178-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	101 9	71.8-14	8						
Surrogate: 1-Chlorooctadecane	96.7	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 23 2' (H251178-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	81.2	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	79.2	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 24 2' (H251178-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	96.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	93.1	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 25 2' (H251178-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	95.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	92.2	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Reported: 03/05/2025

ma/ka

Project Name: ROW 5 WEST SUB - STATION

Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sampling Date: 02/25/2025

Sampling Type: Soil

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

Sample ID: FS 26 2' (H251178-10)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	< 0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	< 0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	103	% 63.9-15	5						

Analyzed By: 14

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02/25/2025

Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date:

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 27 2' (H251178-11)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	107	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	108	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 28 2' (H251178-12)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/03/2025	ND	416	104	400	0.00	QR-03
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	107	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	109	% 63.9-15	5						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 29 2' (H251178-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	98.3	% 63.9-15	5						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 30 2' (H251178-14)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	98.4	% 63.9-15	5						

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Celeg D. Keene



02/25/2025

Tamara Oldaker

Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Reported: 03/05/2025

03/05/2025 Sampling Type: Soil
ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: ROW 5 WEST SUB - STATION
Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 31 2' (H251178-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	98.6	% 63.9-15	5						

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Celey & Keens

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 32 2' (H251178-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	187	93.5	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	177	88.6	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	98.4	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	94.1	% 63.9-15	5						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 33 2' (H251178-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	71.4	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Reported:

Project Name: **ROW 5 WEST SUB - STATION**

03/05/2025

ma/ka

Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374 Sampling Date: 02/25/2025

Sampling Type: Soil

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

Sample ID: FS 34 2' (H251178-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	77.7	% 63.9-15	5						

Applyzod By: 14

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 35 2' (H251178-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	74.8	% 63.9-15	5						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil
Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 36 2' (H251178-20)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	93.7	% 63.9-15	5						

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Celeg D. Frence



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 37 2' (H251178-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	2.03	101	2.00	2.75	
Toluene*	<0.050	0.050	03/03/2025	ND	2.12	106	2.00	0.577	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.29	114	2.00	1.47	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.95	116	6.00	2.41	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	97.8	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	91.2	% 63.9-15	5						

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Celeg D. Kreene



Tamara Oldaker

Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil
Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact

Project Number: 03C1558559 Sample Received By: Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 38 2' (H251178-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.3	% 63.9-15							

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 39 2' (H251178-23)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	< 0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	97.7	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	90.3	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 40 2' (H251178-24)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	108	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	101	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 41 2' (H251178-25)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	94.6	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/25/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 42 2' (H251178-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	203	101	200	4.11	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	191	95.6	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	96.8	% 63.9-15	5						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC		1	
ricject manager: Jeremy Reich		PO#	ANALYSIS REQUEST
Address: 3122 National Parks Hwy	γ	Company	
Phone #: [432] 296-0627	State: NM Zip: 88220	6	
Project #: 03C1558559	Broker	Address: 3104 E Green St.	
Project Name: Row 5 West Sub Station	tation Commen	City: Carlsbad	
Project Location: 32.1142303, -103.9071374	0.3 90719.7½	State: NM Zip: 88220	
-	and total	Phone #: 575-988-2390	
FOR LIB GISE DIAL?	MATRIX	PRESERVE CAMPAGE AND	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER ACID/BASE: ICE / COOL OTHER	
4 ES19 12 ES17	2225	1 1908 1 1 1	
6 FS22	22	1011 111	
8 F524 F524	on on	103 / / /	
	2	1 1027 / /	
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Relinquished By:	Date: Received By: UCA	emailed imporn/ inciden	i, Please provide Email address: mserkis@ensolum.com / kthompson@ensolum.com it # nAPP2428259759
Sampler - UPS - Bus - Other: Ca-	Sample Condition	CHECKED BY: Tu	EG Sm
Charles Systems in the Control of th	No	A total citatanament in the party of the	Vac V-

Page 29 of 31

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC

Project Manager: Jeremy Reich		BILL TO	ANALYSIS BEOLEGY
Address: 3122 National Parks Hwy		F.O. #:	NE GOEST
City: Carlsbad	State: NM Zin: 99220	ai ai	
Phone #: (432) 296-0627	Fax #:	Atta: Colton Brown	
Project #: 03C1558559	Project Owner		
Project Name: Row 5 West Sub Station		Caris	
	3.9071374	1.5	
Sampler Name: Mario Sarkis		Phone #: 575-988-2390	
	MATON	1	
Lab I.D. Sample I.D.		SAMPLING	orides
DD.	GF W	ACI	Chk
13 F3 80	200		
77	10	1043 1	
17 FS 33	27	1048 1	
22	101	1 1020	
TO F5 36 TEAMS NOTE: Loadly and Shought Subjects and by other stresses in the many body date.	A manufacture of product of produ	1 1 1030 1 1	
Relinquished By:	Date: 400 Received By:	Verbal Result: 1 Yes	S II No Add'i Phone #: Please provide Email address:
Delivered By	Time: Neceived By:	REMARKS: Incident # Cost Center 2234991001	Fe-chigensolum.com / msahis@ensolum.com / kthampson@ensolum.com EMARKS: Incident # nAPP2428359758 Cost Center 2234991001
Sampler - UPS - Bus - Other: Carry	Companies Tames 16 34 Cool Intact Companies Tames 16 34 Cool Intact Companies Tames 16 34 Cool Intact No I No I No	CHECKED BY: Turnaround Time: (Initials) Thermometer ID #Ha-#	Standard
	remainded accept verbal change	commot accept verbal changes. Please email changes to celey.keene@cardinalfabship.com	NC

200

Page 30 of 31

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum, LLC			
Project Manager: Jeremy Reich		BILL 10	ANALYSIS REQUEST
Address: 3122 National Parks Hwy	c		
City: Carlsbad	Shaha: NIM	2	
Phone #: (432) 296-0627	Fax #:		
Project #: 03C1558559	Project Owner:	City Carlshad Cireen St.	
Project Name: Raw 5 West Sub Station			
Project Location: 32.1142303 -103.9071374	03.9071374	١,	
Sampler Name: Mario Sarkis		Thome #: 970-900-2390	
WWD BSh Brr (60)	MATRIX	PRESERV SAMPLING	
Lab I.D. Sample I.D.	G)RAB OR (C)ON CONTAINERS ROUNDWATER VASTEWATER OIL		
22 F.537	<<	1 2/252-1049 / 1	
25 6540	100	1 1034 1 1 1	
24 8542	0 0 1	1 1 SEO! 7 1	
EASE NOTE: Lucyly and Durages Causs an assay and o species Michael Producting Rose for magnitude and any other	0		
elinquished By	Received By:	and by Condend within 30 days also been, at them of position incomed by a all again any of the above protect to	o Add'l Phone #
elinquished By:	Date: 450 Received By Will L	All Results are emailed. Please provide Email address: Jruch@ensolum.com / msarros@ensolum.com / kti-omps REMARKS: Incident #_nAPP2428252758	III Results are emailed. Please provide Email address: rechi@ensolum.com / maarios@ensolum.com / kthompson@ensolum.com EMARKS; Inddent # nAPP%428259758
effivered By: (Circle One) Os	Observed Tame TC 3 Sample Condition	CHECKED BY: Turnaround Tim	d Bacteria (only) Sample Condition
Cooperate on agency	† Cardinal cannot accept vorbal chan	Ses. Please email changes to color to the	Obstract temp. C
	Consideration of the constant	com changes. Flease amail changes to celey.keene@cardinaflajshm.com	

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March 05, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 02/27/25 14:00.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 43 2 (H251179-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	91.1	% 63.9-15	5						

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Celley & Keens



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 44 2 (H251179-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	93.8	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	93.2	% 63.9-15	5						

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Celeg D. Freene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 46 2 (H251179-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	15.6	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	83.6	% 63.9-15	5						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 47 2 (H251179-04)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	93.2	% 63.9-15	5						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 48 2 (H251179-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	10.4	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	89.0	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 49 2 (H251179-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	92.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	93.1	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 50 2 (H251179-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	74.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	73.5	% 63.9-15	5						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 51 2 (H251179-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	94.1	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 52 2 (H251179-09)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	24.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	81.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	81.7	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 53 2 (H251179-10)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	84.4	% 63.9-15	5						

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Celeg D. Keene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 54 2 (H251179-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/04/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	89.9	% 63.9-15	5						

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Celegy Theens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 55 2 (H251179-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/04/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	90.5	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	90.3	% 63.9-15	5						

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Celeg D. Keene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 56 2 (H251179-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/04/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	77.9	% 63.9-15	5						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 57 1 (H251179-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/04/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	< 0.050	0.050	03/04/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	92.2	% 63.9-15	5						

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Celley & Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 58 1 (H251179-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.99	99.6	2.00	0.631	
Toluene*	<0.050	0.050	03/04/2025	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.10	105	2.00	0.270	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.50	108	6.00	0.199	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	79.4	% 63.9-15	5						

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Celeg D. Kreene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 59 1 (H251179-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	< 0.050	0.050	03/03/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	95.4	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	96.6	% 63.9-15	5						

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Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 60 1 (H251179-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	104	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	103	% 63.9-15	5						

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Celeg D. Keens



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 61 1 (H251179-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	105	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	104	% 63.9-15	5						

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Celeg D. Kreine



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 62 1 (H251179-19)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	111 5	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	110	% 63.9-15	5						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 63 1 (H251179-20)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	89.0	% 63.9-15	5						

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Celeg D. Freene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 64 1 (H251179-21)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	99.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.8	% 63.9-15	5						

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Celeg D. Keene



02/26/2025

Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date:

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 65 1 (H251179-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	99.1	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.4	% 63.9-15	5						

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Celeg D. Freene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 66 1 (H251179-23)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	108 9	% 63.9-15	5						

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Celeg D. Keene



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 67 1 (H251179-24)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	103	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	102	% 63.9-15	5						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 68 1 (H251179-25)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	97.4	% 63.9-15	5						

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 69 1 (H251179-26)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	98.0	% 63.9-15	5						

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 70 1 (H251179-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	76.1	% 63.9-15	5						

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Celey & Kreens



Analytical Results For:

ENSOLUM
JEREMY REICH
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 73 2 (H251179-28)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	34.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	107	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	105	% 63.9-15	5						

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 74 1 (H251179-29)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	107	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	105	% 63.9-15	5						

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Celeg & Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 01 0-2 (H251179-30)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	112	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	111	% 63.9-15	5						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/20/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 02 0-2 (H251179-31)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	113	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	111	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/20/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 03 0-2 (H251179-32)

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	117 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	114 9	% 63.9-15	5						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/27/2025 Sampling Date: 02/26/2025

Reported: 03/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 71 1 (H251179-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.93	96.4	2.00	1.80	
Toluene*	<0.050	0.050	03/04/2025	ND	2.21	110	2.00	2.10	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.25	112	2.00	3.07	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	6.87	114	6.00	2.83	
Total BTEX	<0.300	0.300	03/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	217	108	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					
Surrogate: 1-Chlorooctane	98.3	% 71.8-14	'8						
Surrogate: 1-Chlorooctadecane	96.2	% 63.9-15	5						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

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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Celego Keine

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum, LLC	solum, LLC			BILL TO	0		ANALYSIS REQUEST
Project Manager: Jeremy Reich	remy Reich			P.O. #:			
Address: 3122 National Parks Hwy	nal Parks Hwy			Company: XTO			
City: Carlsbad		State: NM	Zip: 88220	Attn: Cotton Brown	2		
Phone #: (432) 296-0627	627	Fax#:		Address: 3104 E Green	Sreen St.		
Project #: D3C1558559	559	Project Owner:	300	City: Carlsbad			
Project Name: Row	Row 5 West Sub Station			NM Zip:	88220		
Project Location: 3	32 1142303, -103.9071374	9071374		Phone #: 575-988-2390	2390		
Sampler Name: Ma	Mario Sarkis			Fax #:			
Ann marifer and			MATRIX	PRESERV.	SAMPLING		
Lab I.D. Si	Sample I.D.	Depth (feet)	G)RAB OR (C)OMI CONTAINERS SROUNDWATER NASTEWATER SOIL	SLUDGE OTHER: SCID/BASE CE/COOL OTHER	TIME BTEX	TPH	Chlorides
15	543	e)		1	5	1	
3 2	544	ບ	1 1		-	<	`
1	946	2	0	,	0843 /	1	
DT	242	نو ن	10		1 8460	1	
B	49	s)	5 1 2	<	1 4560	5	
E	550	e	0 1	_	0957 1	5	
) on	C551	لور	2	_	1001	5	
17	553	n a	-		1004	15	
Application for the property and property of the property of t	and company and company or compan	the second beauty to	s en char song abete room processor) i to thereo saled unles nade a sting set or thy about lesboar transmission plan in the second seco	matro Int. one be probe to the process part occord by Cardina with 15 days may be at last, or loss of broth, econord	racity the confidents who completes of the applicable by cases, to unbediences	*	
Relinquished By:	bo	Street Steam	Received By	in Malla	Verbai Result: D Yes All Results are emailed, reich@ensolum.com/r	D Yes emailed, F	es D No (Add'i Phone #: . Please provide Email address: msarkis@ensolum.com / kthompson@ensolum.com
Relinquished By:		Dáte:	Received By:	1	REMARKS: Incident # Cost Center 2234991001	Incident 1 23499100	734991001
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		versed Temp	Sample Condition Cool misc. Cool misc. Wes	dition CHECKED BY:	Turnaround Time:	75	Standard Bucteria (only) Sample Condition Russ Cool Intact Observed Temp. "C

Page 36 of 39

430



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name	Company Name: Ensolum, LLC			BILL TO	9				ANA	SISAT	RE	ANALYSIS REQUEST	
Project Manage	Project Manager: Jeremy Reich			P.O. #:				-					1
Address: 3122	Address: 3122 National Parks Hwy	Ŋ		Company: XTO				_					
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown			_	_					
Phone #: (432) 296-0627	296-0627	Fax #:		Address: 3104 E Green St	reen St.			_					_
Project #: 030	03C1558559	Project Owner:	er:	City: Carlsbad				_					
Project Name:	Row 5 West Sub Station			State: NM Zip: 8	88220								
Project Location:	32.1142303,	-103.9071374		· CO	390								
Sampler Name:	Mario Sarkis			Fax #:				_					
FOR LAB USE ONLY			MATRIX	ESERV.	SAMPLING								
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	BTEX	TPH	Chlorides					
//	F559	ຍ	-	_	51016	7	?						
12	FS55	e,	511	/	10/4	5	<						
W.	F356	ی	5 1 3	٧,	1022	5	<	`					
14	£557	-	7 17	-	1026	5	~	_					
15	6558	_	C - \	. <	1029	<	7						
14	FS59	-	0	<	1033	<	<	/					
17	F560	,	1 1	. <	1037	5	-						
18	F361	1		. <	1041	7	5						
19	F562	-	2	1	1045	7	5						
PLEASE NOTE: Liability and	#FS6 Damages Cardinal's	Rability and client's exclusive remedy for a	A save remedy for any claim arising whether based in contract or fort, shall be lanted to the ann		io47	5	1						
analyses. All claims including those for negligy service. In no event shall Cardinal be liable for affiliates or successors arising out of or related	ig those for negligence and any ardinal be liable for incidental or ig out of or related to the perfor	other cause whatsoever shall be of consequental damages, including mance of services bereunder by C	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services bersunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	id received by Cardinal within 30 days at loss of use, or loss of profits incurred by is based upon any of the above stated	fter completion of the a y client, its subsidiaries reasons or otherwise.	pplicable							
Kelinquished By:	Ma	Time; 400	Received By	THE REAL PROPERTY OF THE PARTY	Verbal Result:	ire ema	□ Yes nailed. P	□ No Add'l Phone #: Please provide Email address: nsarkis@ensolum.com / kthomps	Add'I F de Ema	Add'I Phone #: ide Email addre: blum.com / kthorr	mpson@	rs ☐ No Add'! Phone #: Please provide Email address: msarkis@ensolum.com / kthompson@ensolum.com	
Relinquished By:	5	Date: Time:	Received By:	Manny	REMARKS: Incident #: Cost Center: 2234991001	Inc 9r. 2234	ident #: 991001	Incident #: nAPP2428259758 34991001	259758				
Delivered By: (Circle One)	rcle One)	Observed Temp. °C	3 Sample Condition	유	Turnaround Time:	Time:	20 00	Standard	P	Bacteri	a (only)	Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp. °C	TYPES TYPES	1	Thermometer ID #113	5				Yes Yes	Yes	Coortier temp.	_

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

7 Page 37 of 39 Relinquished By:

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

Channey Tany "C

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No No

CHECKED BY: (Indials)

Turnaround Time:

Cool Infact

Bacteria (only) Sample Condition

Observed Temp. "C Corrected Temp, *C

REMARKS:

Cost Center 2234991001

All Results are emailed. Please provide Email address:

jreich@ensolum.com / maarkis@ensolum.com / kthampson@ensolum.com

Incident # nAPP2428259758

Verbal Result:

□ Yes

D No

Add'! Phone #:

Relinquished By

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name	Company Name: Ensolum, LLC				BI	BILL TO		1	- 1		ANALYSIS	REQUEST
Project Manage	Project Manager: Jeremy Reich				P.O.#		8					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Address: 3122 P	Address: 3122 National Parks Hwy				Company:	XTO						
City: Carlsbad		State: NM	Zip	Zip: 88220	Attn: Collo	Colton Brown				_		
Phone #: (432) 296-0627	96-0627	Fax #:			Address: 3104 E Green St	104 E Gree	n St					
Project #: 03C	D3C1558559	Project Owner:	310		City: Carlsbad	bed						
Project Name:	Project Name: Row 5 West Sub Station	on			State: NM	Zip: 88220	20					
Project Location:	E 32.1142303, -103.9071374	9071374			Phone #: 5	575-988-2390	0					
Sampler Name:	Mario Sarkis				Fax#:							
ATMOSSING SELECT				XISTAM	PRESERV	SAMPLING	LING					
Lab I.D. H251179	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP	CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER ACID/BASE ICE/COOL OTHER	DATE	TIME	BTEX	TPH	Chlorides		
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† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinalabship.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name	Company Name: Ensolum, LLC			-	-	-	- 1					8		BILL TO		1	1	1	1		Z	Ξl	ANAI YSIS	- 1	REQUEST	2	핐	41						
Project Manage	Project Manager: Jeremy Reich								9	P.O. #:	"					٦	٦	1	┪	4		\exists		- 1	_[i	1	_	1	4		\dashv		\dashv	
Address: 3122 I	Address: 3122 National Parks Hwy								Co	Company:	an	*	×	XTO						_											_		_	
City: Carlsbad		State: NM	Zip: 88220	8822	20				Attn:	7	0	olto	9	Colton Brown								_							_		_		_	
Phone #: (432) 296-0627	296-0627	Fax #:							Ad	dre	SS		30	Address: 3104 E Green St.	n St.					_		_									_		_	
Project #: 03C	03C1558559	Project Owner:	7.						City:	×.	0	Carlsbad	bac	۵								_									_		_	
Project Name:	Row 5 West Sub Station	ion							State:	te:		$\frac{1}{2}$		Zip: 88220	20					_											_		_	
Project Location:	n: 32.1142303, -103.9071374	.9071374							Phone #:	one	#		75	φ	0					_											_		_	
Sampler Name:	Mario Sarkis								Fax #:	#																					_		_	
FOR LAB USE ONLY			P.	\dashv	1	MA.	MATRIX	_ [\perp	PRESERV	SESE	R	-	SAMPLING	LING					_													_	
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OME	# CONTAINERS GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOLT	OTHER:		DATE	TIME	BTEX	ТРН	Chlorides																
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Delivered By: (Circle One)		Observed Temp. °C	3.1		Sample Condition	T e	Conc	C Hitio	3	0	_ X	(Initials)	ED	37:	Turnaround Time:	Time		Standard	dard			Сос	Bacteria (on Cool Intact	ia (c	nly	Sa C	bse	e C	ond	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	o o			

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

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Page 39 of 39



March 06, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/04/25 14:05.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 04 0-2 (H251279-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	86.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.7	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 05 0-2 (H251279-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	3						

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Celeg D. Frence



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 06 0-1 (H251279-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	78.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.4	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 75 1 (H251279-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	81.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.6	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 76 1 (H251279-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	70.4 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 77 1 (H251279-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	< 0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	66.6	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	63.9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 78 1 (H251279-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	85.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 79 1 (H251279-08)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
<0.300	0.300	03/05/2025	ND					
110 9	71.5-13	4						
mg/	'kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	03/05/2025	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
<10.0	10.0	03/05/2025	ND					
81.6	% 44.4-14	5						
80.3	% 40.6-15	3						
-	<0.050 <0.050 <0.050 <0.150 <0.300 110 9 mg/ Result 48.0 mg/ Result <10.0 <10.0 <81.6	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 110 % 71.5-13 mg/kg Result Reporting Limit 48.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 44.4-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 80 3 (H251279-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	84.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.8	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 81 1 (H251279-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	73.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.8	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 82 1 (H251279-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	59.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	58.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 83 1 (H251279-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	83.2	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 84 1 (H251279-13)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	72.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 85 1 (H251279-14)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank					
< 0.050		•	Metriod Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
<0.300	0.300	03/05/2025	ND					
110 9	% 71.5-13	4						
mg/	kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	03/05/2025	ND	416	104	400	0.00	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
<10.0	10.0	03/05/2025	ND					
80.6	% 44.4-14	5						
78.4	% 40.6-15	3						
	<0.050 <0.150 <0.300 110 9 mg/ Result 16.0 mg/ Result <10.0 <10.0 <80.6	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 110 % 71.5-13 mg/kg Result Reporting Limit 16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <44.4-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 86 1 (H251279-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	74.8	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	72.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 87 1 (H251279-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	77.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	75.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 88 1 (H251279-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	77.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

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

Reported: 03/06/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 89 1 (H251279-18)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.88	94.1	2.00	4.34	
Toluene*	<0.050	0.050	03/05/2025	ND	2.17	108	2.00	5.75	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.85	114	6.00	5.17	
Total BTEX	<0.300	0.300	03/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/05/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	205	102	200	3.45	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	196	97.9	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					
Surrogate: 1-Chlorooctane	83.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.1	% 40.6-15	3						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg to treene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(575) 393-2326	FAX (575) 393-2476	476	-		ANALYSIS REQUEST	JEST T
Company Name: Ensolum, LLC	rsolum, LLC			BILL 10			
Project Manager: Jeremy Reich	eremy Reich			P.O. #:			
Address: 3122 National Parks Hwy	onal Parks Hwy			150			
City: Carlsbad		State: NM	Zip: 88220	Attn: Callon Brown			
Phone #: (432) 296-0627	-0627	Fax非		- 2			
Project #: 03C1558559	58559	Project Owner:	5	Carispan			
me:	Row 5 West Sub Station	ation		State: IN Zip: 88220			
	32.1142303, -103.9071374	3.9071374		Phone #: 575-988-2390			
Sampler Name:	Mario Sarkis			1			
ATHO SSO UNT MOS			MATRIX	PRESERV. SAMPLING	Pro C		
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER ACID/BASE ICE / COOL OTHER	BTEX TPH Chlorides		
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Relinquished By	and the second street performance	SOF (2007)	S Received By:	igner	Verbal Result: D Yes All Results are smalled. Ples [reich@ensolum.com / mast	lerbal Result: D Yes D No Add'i Phone #: Il Results are emailed. Plesse provide Email address: [reich@ensolum.com / masrkis@ensolum.com / kthompson@ensolum.com particle # naPP2428259756	Bensolum.com
Relinquished By:		Date: Time:		,	Cost Certier 2234891001		Backiria (only) Sample Condition
Delivered By: (Circle One) Sampler - UPS - Bus - Other	rcle One) 3us - Other:	Comment Town C	Sample Condition Cool Intact Cool Intact No I No	dition CHECKED BY:	Thermomater ID - 1115	4	Observed Temp. *C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



01 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Ensolum LLC

Company Name	Company Name: Ensolum, LLC			BILL TO		1		ANALYSIS REQUEST	
Project Manage	Project Manager: Jeremy Reich			P.O. #:		\dashv	1		
Address: 3122 I	Address: 3122 National Parks Hwy			Company: XTO		_			
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown					
Phone #: (432) 296-0627	296-0627	Fax#:		Address: 3104 E Green St.	een St.	_	_		
Project #: 03C	03C1558559	Project Owner:	n	City: Carlsbad		_	_		
Project Name:	Row 5 West Sub Station	ation		State: NM Zip: 8	88220				
Project Location:	n: 32.1142303, -103.9071374	03.9071374		Phone #: 575-988-2390	390				
Sampler Name:	Mario Sarkis			Fax #:		_			
FOR LAB USE ONLY			MATRIX	PRESERV. SAI	SAMPLING	_			
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	BTEX	TPH	Chlorides		
11	6882	1] /	7 3	1	7	1		
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0	E883)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1051 1	<	0		
12	1589		C - 1	Q	1054	-	9		
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1 2	M	Date 1-25	Received By:	piquer	Verbal Result: ☐ Ye All Results are emailed. jreich@ensolum.com /	emaile um.com	☐ Yes ☐ No lailed. Please procom / msarkis@ens	lerbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: II Results are emailed. Please provide Email address: jreich@ensolum.com / msarkis@ensolum.com / kthompson@ensolum.com	
Relinquished By:	n	Date: Time:	Received By:		REMARKS: Incident #: Cost Center: 2234991001	Incid 223499	Incident #: nAPP2428259758 234991001	128259758	
Delivered By: (Circle One)	rcle One)	10	Sample Cool I		Turnaround Time:	me:	Standard Rush	50	ion np. °C
Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp. °C	0.9= Exest Yes	98 SX	Correction Factor	#113 0.5°C	は	□ Yes □ Yes	mp. °C

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

Page 22 of 22



March 10, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/06/25 14:30.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 90 1' (H251327-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 91 1' (H251327-02)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: Sampling Type: Soil 03/10/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 92 1' (H251327-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	98.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 93 1' (H251327-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.3	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: Sampling Type: Soil 03/10/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 94 1' (H251327-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 95 1' (H251327-06)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 96 1' (H251327-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil
Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact

Project Number: 03C1558559 Sample Received By: Tamara Oldaker
Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 97 1' (H251327-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 98 1' (H251327-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 99 1' (H251327-10)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.2	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 100 1' (H251327-11)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	113 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 101 1' (H251327-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: Sampling Type: Soil 03/10/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 102 1' (H251327-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113 %	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 103 1' (H251327-14)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	114	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 104 1' (H251327-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 9	6 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 105 1' (H251327-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 106 1' (H251327-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	204	102	200	0.426	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	202	101	200	0.0752	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 107 1' (H251327-18)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	204	102	200	0.426	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	202	101	200	0.0752	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	122 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	121 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 108 1' (H251327-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.92	95.8	2.00	2.31	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.01	101	2.00	0.881	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.94	98.9	6.00	0.823	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	204	102	200	0.426	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	202	101	200	0.0752	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	114 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	115 9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 109 1' (H251327-20)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	204	102	200	0.426	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	202	101	200	0.0752	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.5	% 40.6-15.	3						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/10/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 110 1' (H251327-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	204	102	200	0.426	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	202	101	200	0.0752	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	90.4	% 40.6-15	3						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freens

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(5/5) 393	(5/5) 393-2326 FAA (0/0) 303-24/0	4/0			ANALYSIS DECLIEST
company Name: Ensolum, LLC	TC		BILL TO		ANALISIS NEGOCO:
roject Manager: Jeremy Reich	ich	7.	P.O. #:		
ddress: 3122 National Parks Hwy	(s Hwy	0	Company: XTO		
ity: Carlsbad	State: NM	Zip: 88220 A	Attn: Colton Brown		
hone #: (432) 296-0627	Fax #:	A	Address: 3104 E Green St	n St.	
roject #: 03C1558559	Project Owner:		City: Carlsbad		
5			State: NM Zip: 88220	20	
n:	32.1142303, -103.9071374	9	Phone #: 575-988-2390		
>	dis	F	1		
٦		MATRIX	PRESERV. SAMPLING	LING	
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX TPH	
(F590	1,		200	3/5/25	
C 127 12	_		0925	\ \ \ \	
4 6593			0430	< < <	
7			0933	< < <	
7			0935	~ ~ ~	
7 F596			0939	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
S ES97			1003	\ \ \ \ \	
	R	K K	W 1013	V V V	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive temperature of the cardinal state of the cardinal st	ar's liability and client's exclusive remedy for noe and any other cause whatsoever shall i nodental or consequental damages, include	PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive tempoly (for any darm arising whether based in contract of tort, small ore sinition to entition to reason and the state of the property of the	riort, snall be inned to the amount peak eceived by Cardinal within 30 days after as of use, or loss of profits incurred by d	completion of the applicable lent, its subeidanies,	
affiliates or successors arising out of or related to the perfor Relinquished By:	the performance of services hereunder b	Received By:	her such claim is based upon any of the above stated rea	ılt: ☐ Yes are emailed.	□ No Add'I Phone #: Please provide Email address:
Me	- 1	/ Wholing	The state of the s	jreich@ensolum.com / msarkis@e	jreich@ensolum.com / msarkis@ensolum.com / kthompson@ensolum.com
Relinquished By:	Date:	Received By:	Mary you	REMARKS: Incident #: nAPP2428259758 Cost Center. 2234991001	2428259758
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Tamp.	Cool Intact Cool Intact Cool Intact No	On CHECKED BY: (Initials)	Turnaround Time: Standard 48 -h (Thermometer ID 415 # 125 + Correction Factor OSC + Co. 3 &	rd Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Pes Yes No Corrected Temp. °C
FORM-COD K 3.2 TO/U//				31/7/2 "SS"	316/25

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 F	FAX (575) 393-2476	76			ANALYSIS REQUEST	ST
Company Name: Erisolum, LLC			BILL 10		1000	
Project Manager: Jeremy Reich			P.O. #:			
Address: 3122 National Parks Hwy			Company: XTO			
City: Carlsbad	State: NM	Zip: 88220	Attn: Colton Brown			
Phone #: (432) 296-0627	Fax#		Address: 3104 E Green St	n St.		
Project #: 03C1558559	Project Owner:		City: Carlsbad			
-			State: NM Zip: 88220	20		
9	3.9071374		Phone #: 575-988-2390	0		
			Fax#:			
Sampler Name: Mario Salvis		MATRIX	PRESERV. SAMPLING	LING		
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX TPH Chlorides		
50	F		38/3K /	1018 / / /		
Edist Edis				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
15 PSION				1027 / 1		
14 F3105				1033 / / /		
2015				1036 1 1 1		
19 65108				1040		
man for pur confliction of small fragment forming to defined on the larger 3 100 1873 M.	parameter seasons of the season season in a	of degree of special designs properly process.	and recommend by Continued and the personal panel and recommend by Continued waters file any white and the continued by Continued and	A THE RESERVE		
Relinquished By:	S. P. S. P. S.	Received by:	MI 11 11	Verbai Result: Yes No No All Results are emailed. Please prov	D No Add'l Phone #: Please provide Email address:	
Relinquished By:	Date:	Received By:	Maister	reich@ensolum.com / msarkis@ensolum.com / kitiompsonigensolum.com / REMARKS: Incident #: nAPP2428259758 Cost Center: 2254991007	olum.com / Kritorispaunilyes 9259758	EDUCATION OF THE
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Carretay Tanp. C	Sample Con Cool Inte	dition CHECKED BY:	Turnaround Time: Standard	Bacteris (only) Sample Condition Cool Intact Observed Temp. Yes Yes No Corrected Temp.	ample Condition Observed Temp. "C Corrected Temp. "C
COURSE DE NIGORAGIA	† Cardinal c	annot accept verbal ch	anges. Please email cha	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	snm.com	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(575) 393-2326	(575) 393-2326 FAX (575) 393-2476	76	-		ANALYSIS REQUEST	ST
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO		- 1	
Project Manager: Jeremy Reich	Jeremy Reich			P.O.#:			
Address: 3122 N	Address: 3122 National Parks Hwy			Company: XTO			
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown			
Phone #: (432) 296-0627	16-0627	Fax#:		1.35	9.51		
Project #: 03C1558559	558559	Project Owner:	a	DBC			
Project Name:	Project Name: Row 5 West Sub Station	stion		State: NM Zip: 88220	220		
Project Location:	32.1142303 -103.9071374	3.9071374		Phone #: 575-988-2390	ŏ		
I Tolune months	e II			Fax#:			
Sampler Name:	Mario Sarkis		MARKE	DRESERV.	SAMPLING		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE ICE / COOL OTHER	BTEX TPH	Chlorides	
ع	FSIIO		-	Centre	C. Se		
5 m K	carry and Committee Cardinary laterally excluding from her redisplaced and any start Cardinal by lable for incommittee or	om uppered during money to	of the state and security the state of the s	and park space by Condens) without 30 day and property by Condens) without 30 day and an analysis of property and an analysis of the space of the space of the sp	or paid by the destrict to the parties completion of the applicable pillty claim, the advantage, and remains a spinneds.		
Relinquished By:		Date: 430	Received By:	adillate	Verbal Result: 12 Yes All Results are emailed. Pl /reschi@ensolum.com / ms/ REMARKS: Incident # Cost Center 2234991001	CI No Add'I P ease provide Ema arkis@ensolum.com nAPP2428259758	achum com
Delivered By: (Circle One) Sampler - UPS - Bus - Other	Bus - Other:	Outstrant Tamp. C	Sample Condition Cool Juries Tyes Tyes No 1 No	Artact (Initials)	Turnayound Time:	cteris (only) S of Intact Yes Yes No No	Observed Temp. *C Corrected Temp. *C
TOO MAKE I	1,000012190	† Cardinal	cannot accept verbal	Cardinal cannot accept verbal changes. Please email changes to celey, keene	anges to celey,keene@c	@cardinallabanim.com	

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March 11, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/07/25 13:58.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 01 2-4' (H251374-01)

DTEV 0021D

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	2.08	104	2.00	3.75	
Toluene*	<0.050	0.050	03/10/2025	ND	2.12	106	2.00	3.92	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.05	102	2.00	3.88	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	6.02	100	6.00	3.70	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	209	105	200	0.386	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	203	101	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	99.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.8	% 40.6-15	3						

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Celey & Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 01 4' (H251374-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	2.08	104	2.00	3.75	
Toluene*	<0.050	0.050	03/10/2025	ND	2.12	106	2.00	3.92	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.05	102	2.00	3.88	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	6.02	100	6.00	3.70	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	209	105	200	0.386	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	203	101	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	113 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	114 9	40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 03 4' (H251374-03)

BTEX 8021B

DILX OUZID	11197	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	2.08	104	2.00	3.75	
Toluene*	<0.050	0.050	03/10/2025	ND	2.12	106	2.00	3.92	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.05	102	2.00	3.88	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	6.02	100	6.00	3.70	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	209	105	200	0.386	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	203	101	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	116	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	115	% 40.6-15	3						

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Celeg D. Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 04 4' (H251374-04)

BTEX 8021B

DILX GOZID	11197	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	2.08	104	2.00	3.75	
Toluene*	<0.050	0.050	03/10/2025	ND	2.12	106	2.00	3.92	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.05	102	2.00	3.88	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	6.02	100	6.00	3.70	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	209	105	200	0.386	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	203	101	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 13 4' (H251374-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	1.95	97.4	2.00	0.965	
Toluene*	<0.050	0.050	03/10/2025	ND	2.22	111	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.23	111	2.00	0.00597	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	7.01	117	6.00	0.133	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	206	103	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	142 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	147 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 14 4' (H251374-06)

RTFY 8021R

Result	Reporting Limit							
	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/10/2025	ND	1.95	97.4	2.00	0.965	
<0.050	0.050	03/10/2025	ND	2.22	111	2.00	1.45	
<0.050	0.050	03/10/2025	ND	2.23	111	2.00	0.00597	
<0.150	0.150	03/10/2025	ND	7.01	117	6.00	0.133	
<0.300	0.300	03/10/2025	ND					
112 9	% 71.5-13	4						
mg/	'kg	Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	03/10/2025	ND	400	100	400	7.69	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/08/2025	ND	207	104	200	1.31	
<10.0	10.0	03/08/2025	ND	206	103	200	1.33	
<10.0	10.0	03/08/2025	ND					
135 9	% 44.4-14	5						
135 9	% 40.6-15	3						
	<0.050 <0.050 <0.150 <0.300 112 9 mg/ Result 32.0 mg/ Result <10.0 <10.0 <10.0	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 112	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 16 4' (H251374-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	1.95	97.4	2.00	0.965	
Toluene*	<0.050	0.050	03/10/2025	ND	2.22	111	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.23	111	2.00	0.00597	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	7.01	117	6.00	0.133	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	206	103	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	128	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	130	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 20 4' (H251374-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	1.95	97.4	2.00	0.965	
Toluene*	<0.050	0.050	03/10/2025	ND	2.22	111	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.23	111	2.00	0.00597	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	7.01	117	6.00	0.133	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	206	103	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	136 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	138 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 72 2' (H251374-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	1.95	97.4	2.00	0.965	
Toluene*	<0.050	0.050	03/10/2025	ND	2.22	111	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.23	111	2.00	0.00597	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	7.01	117	6.00	0.133	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	206	103	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	134 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	136 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/07/2025 Sampling Date: 03/06/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 73 2' (H251374-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2025	ND	1.95	97.4	2.00	0.965	
Toluene*	<0.050	0.050	03/10/2025	ND	2.22	111	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/10/2025	ND	2.23	111	2.00	0.00597	
Total Xylenes*	<0.150	0.150	03/10/2025	ND	7.01	117	6.00	0.133	
Total BTEX	<0.300	0.300	03/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/10/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2025	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	03/08/2025	ND	206	103	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/08/2025	ND					
Surrogate: 1-Chlorooctane	144 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	147 9	% 40.6-15	3						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

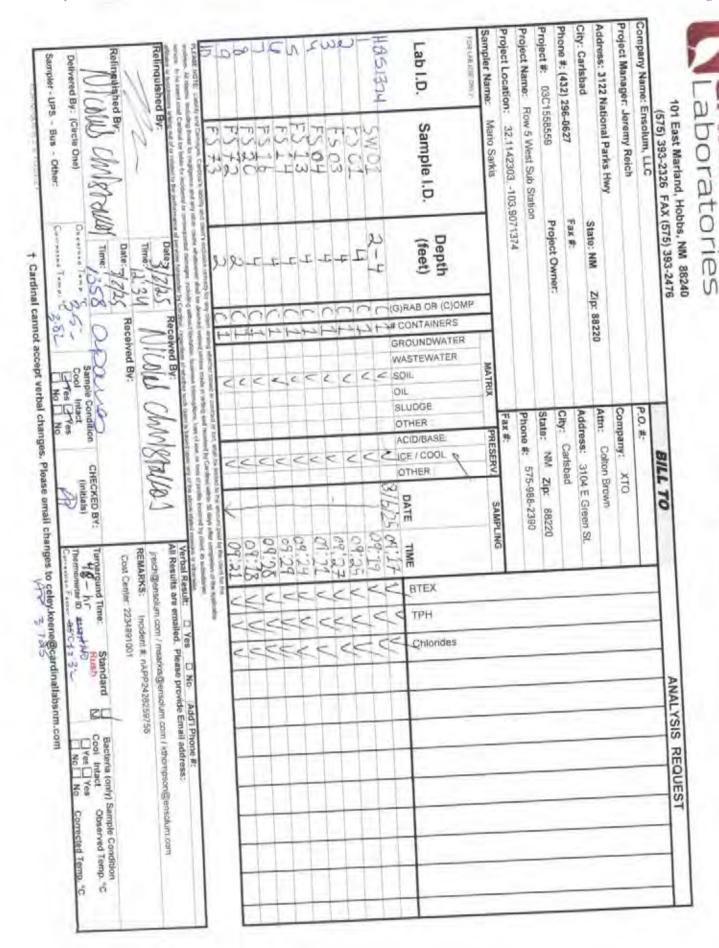
Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST





March 18, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/14/25 9:22.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 134 1' (H251528-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	30.6	10.0	03/16/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 135 1' (H251528-02)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	11.6	10.0	03/16/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.5	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 136 1' (H251528-03)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/16/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.5	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 137 1' (H251528-04)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/16/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	77.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.8	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 138 1' (H251528-05)

BTEX 8021B

DILX GOZID	11197	- Kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	88.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 139 1' (H251528-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Reported:

Sampling Date:

03/13/2025

Project Name:

03/18/2025

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

ROW 5 WEST SUB - STATION

Sample Received By:

Alyssa Parras

BTEX 8021B

03C1558559

mg/kg

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 140 1' (H251528-07)

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	78.6	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	77.8	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 141 1' (H251528-08)

BTEX 8021B

DILX GOZID	11197 119		Allalyzea by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.0	% 40.6-15.	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 142 3' (H251528-09)

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	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	95.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.8	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Alyssa Parras Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 143 1' (H251528-10)

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	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	98.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.1	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 144 1' (H251528-11)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	74.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.0	% 40.6-15	3						

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Celeg & Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 145 1' (H251528-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.4 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	77.9 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.8 9	40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 146 1' (H251528-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	< 0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	76.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 147 1' (H251528-14)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.7	% 40.6-15	3						

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Celley & Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 148 1' (H251528-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.5	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 149 1' (H251528-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	22.7	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	79.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.0	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 150 1' (H251528-17)

RTFY 8021R

B1EX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	92.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.5	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 151 1' (H251528-18)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 152 1' (H251528-19)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.4	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 153 1' (H251528-20)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	94.9	2.00	7.54	
Toluene*	<0.050	0.050	03/17/2025	ND	1.96	98.1	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.93	96.4	2.00	6.05	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.65	94.1	6.00	5.89	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	204	102	200	0.0943	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	92.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 154 1' (H251528-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	1.90	95.1	2.00	0.572	
Toluene*	<0.050	0.050	03/17/2025	ND	2.01	100	2.00	0.458	
Ethylbenzene*	<0.050	0.050	03/17/2025	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	03/17/2025	ND	5.81	96.9	6.00	1.49	
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2025	ND	200	99.9	200	0.303	
DRO >C10-C28*	<10.0	10.0	03/16/2025	ND	185	92.5	200	4.93	
EXT DRO >C28-C36	<10.0	10.0	03/16/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.6	% 40.6-15	3						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Control of the last of the las								
Project Manager: Jeremy Reich	Jeremy Reich			TING	10			ANALYSIS REQUEST
Address: 3122 National Parks Hwy	tional Parks Hwy							
City: Carlsbad		State: NM	Zip: 88220	Arth: Colton Brown	outine of			
Phone #: (432) 296-0627	-0627	Fax #:		90	O THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE			
Project #: 03C1558559	58559	Project Owner:	er:	parties .	To usato a work			
Project Name: Ro	Row 5 West Sun Station			MN				
Project Location:	32.1142303 -103.9071374	9071374		113	87799	_		
	Mario Sarbia			Phone #: 0/0-96	0/0-908-2390	_		
7	Mana Salkis			Fax #:				
100				PRESERV	SAMPLING			
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No franchismonth	30	Date:	Received By:		Verbal Result:	t: U Yes	Please prov	Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address:
Relinquished By:		030 030	Received By:	ď	reich@ensolum.com / ms REMARKS: Incident # Cost Center 2234691001	inadent	11.00m / msarkin@ensolum.com Incident # n4.2P2428259758 234931001	/ msarkis@ensokurt.com / kthompson@e = iii i = oom int = n.k.>P2428259758
Delivered By: (Circle One)	One) Ore	J. 4	-	HO P	Turnanound T		Standard	=
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Page 24 of 26

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

101 East Mariand, Hobbs, NM 882

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC

The second secon		BILL TO		No. of Concession, Name of Street, or other Persons, Name of Street, or ot
Project Manager: Jeremy Reich	¥	P.O. #:	ANALYSIS REQUEST	
Address: 3122 National Parks Hwy	Hwy	Company: XTO		
City: Carlsbad	State: NM Zip: 88220	0		
Phone #: (432) 296-0627	Fax #:	Se	2	_
Project #: 03C1558559	Project Owner:	City: Carlsbad		_
Project Name: Row 5 West Sub Station			90	_
Project Location: 32.1142303	32.1142303, -103.9071374	#: 575-988-		
Sampler Name: Mario Sarkis		- 1		_
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	NG .	_
Lab I.D. Sample I.D.	D. (feet) Depth S)RAB OR (G)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE	CID/BASE: E/COOL THER:	TEX PH hlorides	
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analyses. All claims including those for negligence and service. In no event shall Cardinal be liable for incidental affiliates or successors arising out or related to the por Relinquished By:	M de	or sort, small be limited to the amount paid by received by Cardinal within 30 days after con ses of use, or loss of profits incurred by client s based upon any of the above stated reason	the client for the applicable spletone for the applicable its subsidiaries.	ŀ
Relinquished Bu	3/14/25 Time: 0730 Opportun	All	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address; reich@ensolum.com / msarkis@ensolum.com / kthompson®ensolum.com / kthompson@ensolum.com / kthomps	
Delivered By: (Circle Onc)	Time:	R	REMARKS: Incident #: nAPP2428259758 Cost Center: 2234991001	
Sampler - UPS - Bus - Other:	Corrected Tamp. °C U.S. Sample Condition Cool Intact Cool Intact Cool Intact Corrected Tamp. °C U.S. Sample Condition Cool Intact Cool Interest Cool	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sarryple Condition H S - h C Rush C Cool Infact Observed Temp. *C The momentum #443# 14-5 The momentum #443# 14-5 The momentum P Cool Infact Observed Temp. *C	

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Page 25 of 26

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Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL aboratories

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

Relinquished By: Sampler - UPS - Bus - Other: Relinquished By: Delivered By: (Circle One) service. In no event shall Cardinal be liable for malyses. All claims including those for negligen HZYSAX Sampler Name: Project Name: Row 5 West Sub Station Phone #: (432) 296-0627 Project Location: Project #: 03C1558559 Project Manager: Jeremy Reich City: Carlsbad Address: 3122 National Parks Hwy Company Name: Ensolum, LLC FOR LAB USE ONLY Lab I.D. Q h5153 84 Sample I.D. Mario Sarkis 32.1142303, -103.9071374 oce and any other cause Time: 0730 Date: 3/14/25 octed Tamp. °C Date: Caso S Project Owner: Fax #: Depth State: NM (feet) 20 Received By: (G)RAB OR (C)OMP Zip: 88220 # CONTAINERS Cool Intact
Yes Yes GROUNDWATER Sample Condition WASTEWATER MATRIX SOIL OIL SLUDGE OTHER State: Fax #: City: P.O. #: Phone #: Attn: Address: 3104 E Green St awed by Cardinal within 30 days after Company: ACID/BASE PRESERV CHECKED BY: ICE / COOL Carlsbad NM Zip: (Initials) Colton Brown OTHER 575-988-2390 BILL TO -8K1/2 XTO DATE SAMPLING 88220 dient, its subsidiarie Turnaround Time: All Results are emailed. Please provide Email address: REMARKS: Verbal Result: 1055 reich@ensolum.com / msarkis@ensolum.com / kthompson@ensulum.com Cost Center: 2234991001 TIME fron of the applicable neter ID #13+140 BTEX Incident #: nAPP2428259758 18.0 + 0.5B TPH Yes Standard Chlorides O No 3 Add'I Phone #: ANALYSIS REQUEST Cool Intact
Yes Yes
No No Bacteria (only) Sample Condition Observed Temp. റ്

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Page 26 of 26



March 20, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/18/25 13:38.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 155 1 (H251583-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	14.1	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	73.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 156 1 (H251583-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	78.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.2	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 157 1 (H251583-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.4	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 158 1 (H251583-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	84.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 159 1 (H251583-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.2	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 160 1 (H251583-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	22.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: Sampling Type: Soil 03/20/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 161 1 (H251583-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	14.1	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: Sampling Type: Soil 03/20/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 162 1 (H251583-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: Sampling Type: Soil 03/20/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 163 1 (H251583-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	90.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: Sampling Type: Soil 03/20/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 164 1 (H251583-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 165 1 (H251583-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	74.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.6	% 40.6-15	3						

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 166 1 (H251583-12)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/19/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 167 1 (H251583-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	90.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.5	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 168 1 (H251583-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.8	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 169 1 (H251583-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.5	% 40.6-15	3						

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 170 1 (H251583-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	74.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.8	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 45 3 (H251583-17)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.9	% 40.6-15	3						

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Celey & Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 08 0-2 (H251583-18)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.6	% 40.6-15							

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: Sampling Type: Soil 03/20/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 09 0-2 (H251583-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2025 Sampling Date: 03/17/2025

Reported: Sampling Type: Soil 03/20/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 10 0-2 (H251583-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	1.95	97.3	2.00	1.60	
Toluene*	<0.050	0.050	03/19/2025	ND	2.05	102	2.00	1.57	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.00	99.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	5.88	97.9	6.00	1.89	
Total BTEX	<0.300	0.300	03/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/19/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	212	106	200	3.03	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	210	105	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					
Surrogate: 1-Chlorooctane	79.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Sampler - UPS - Bus - Other:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2320 F	(575) 393-2326 FAX (570) 353-2473	2011	ANAL	ANALYSIS REQUES
Company Name: Ensolum, LLC		DILL TO		
Project Manager: Jeremy Reich				
Address: 3122 National Parks Hwy		100		
City: Carlsbad	State: NM Zip: 88220			
Phone #: (432) 295-0627	Fax #:	1.25		
Project #: 03C1558559	Project Owner:	Carsoen		
Row 5 West Sub Station	bon	State: NW Zip: 00220	1	
Project Name: 32 1142303 -103.9071374	.9071374	Phone #: 575-988-2390	1	
		Fax#:		
Sampler Name: Mario Sarkis	TW.	MATRIX PRESERV SAMPLING		
Sample and the same				
Lab I.D. Sample I.D.	(feet) PAB OR (C)OI CONTAINERS ROUNDWATER ASTEWATER DIL	LUDGE THER CID/BASE CE/COOL THER	BTEX TPH Chlorides	
1251283 CSSC1884	- # G W	SOKIK / 3/3/02	1	
2003		01 / 10	1051 / 1/1	
153	611	100	1	
85153 4	1 2	,	1056 / 77	
15		100	128777	
6 F5160		PILL	2 7 7	
7 (-516)		7	× - ×	
8 F3168	1 2		122 1	
2000		/ / / /	33 V V V	
Edy and Dansages Conditions	and any place course principles or shall be discussed where the second strains are shall be s	graduated behave it is command on vortication for constant to the monor services of uniquest matter or writing and republiced by Daniford white 100 days offer command to the constant of the	beday of the approach	
the lander for topic of an industrial factor	as Race	chiese of Council (sport any of the Johnson trained (street)	Verbal Result: Dives Di No Add'l Phone 4: All Results are emailed. Please provide Email address:	Add'l Phone #: de Email address:
Ralinguished By:	Time 1338 Received By:	Paner	reich@ensolum.com / masikis@ensolum.com / kthompson@ensolum.com REMARKS: rodent # nAPP2428259758	om / kthompson@enach.m.com 58
	Time:		Standard	S (At
Delivered By: (Circle One)	Samp	intact (Initials)	Thermometer ID #449 # 150 3	Cool Intact Observed Temp. "C

Page 23 of 24

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 24 of 24



(575) 393-2326 FAX (575) 393-2476

	(0/0) 333-2320 [WY (010) 000-54	100			AN	ANAI YSIS REC	REC HEST
Company Name: Ensolum, LLC	Ensolum, LLC			BILL 10		AN		15
Project Manager: Jeremy Reich	Jeremy Reich			P.O. #:				
Address: 3122 National Parks Hwy	tional Parks Hwy			Company: XTO			_	
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown				
Phone #: (432) 296-0627	6-0627	Fax #:		Address: 3104 E Green St.	an St.		_	
Project #: 03C15	03C1558559	Project Owner:		City: Carlsbad			_	
me:	Row 5 West Sub Station			State: NM Zip: 88220	220		_	
0	32.1142303, -103.9071374	.9071374		Phone #: 575-988-2390	00			
Sampler Name:	Mario Sarkis			Fax #:				
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	PLING			
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	BTEX	TPH		1
11.	15/65	-	-	<	1 hell	7		
ته	FS166	1	7 117	. <	1125 1	7,7		
13	F5167	,	()	. <	1126	7		
14	F5168	_		, \	1128	7, 7		
15	F3169	1	/ 17		1128	1		
16	FS170		CII	/	1247 V	7,		
17	F545	w	7	<u></u>	1303	, ,		
	80008	0-2	C1 1	.<	1350	7		1
	SWOA	0-2	C 1 V	< < <	1355 V	1		
20	SWID	0-2	0111	\ \ \ \ \ \	1400 V	~ ~		1
PLEASE NOTE: Liability and I analyses. All claims including service. In no event shall Card	Damages: Cardinal's liar-lifty and those for negligence and any oth dinal be liable for incidental or cor	client's exclusive re-nedy for an er cause whatsoever shall be o reequantal damages, including	PLEASE NOTE: Liability and Damages. Cardinal's liacility and client's exclusive remedy for any cliam arising whether based or contract or ont shall be finited to the amount paid by the client for up analyses. All claims including those for negligence and any other cause whatspower shall be decimed waiwed unless made in writing and received by Cardinal within 30 days after completion of the upplicable particle. It is a produced to a contract of the produced in a swell shall cardinal be in 36 for incidental of contract, and damages, including willowing limitation, business intermotens, rolling the produced to produce the produced in a swell shall cardinal be in 36 for incidental damages, including willowing intermediate of whether ruth datin is hased upon any of the above stated leasons or otherwise.	contract or tort, shall be limited to the amount past contract or tort, shall be limited to the amount and miting and received by Carcinal within 30 days after uptions, loss of use, or loss of profits incurred by of the above stated are	paid by the client for the applicable after completion of the applicable by client, its subsidiaries.	8		
Relinquished By:	out of or instance to the performa	Pater 35	Received By:	ner	Verbal Result: All Results are en	Verbal Result:	Add'I Phone #: ide Email address:	9
Relinquished By:		Date:	Received By:	9	REMARKS: Incide	Incom / msarkis@ensoium.com	msarkis@ensoum.com/kurompsonigensoum.com/	Ti.
Veillidaisiea by.		Time:			7. 22			
Delivered By: (Circle One)		Temp. °C	Sample Condition Cool Intact Yes Yes	on CHECKED BY:	Turnaround Time:	Standard Rush	Bacteria (only Sample Condition Cool Intact Observed Temp. ☐ Yes ☐ Yes	Sample Condition Observed Temp. °C
Sampler - UPS - bus - Other		Corrected lemp.	1. U.	200	7	きった。	No No	Corrected Temp. °C



March 28, 2025

JEREMY REICH ENSOLUM 3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/24/25 12:15.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 190 1 (H251707-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/25/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	75.2 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.4	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Coo

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 191 1 (H251707-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	03/25/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	55.5	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	80.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.2	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 192 1 (H251707-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/25/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	71.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 193 1 (H251707-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	55.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	54.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 194 1 (H251707-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	03/25/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	69.1	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.2	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 195 1 (H251707-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	03/25/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	426	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	65.5	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	70.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 196 1 (H251707-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	74.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	70.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 197 1 (H251707-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	66.4	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	69.1	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 198 1 (H251707-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	75.1	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	71.1	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 199 1 (H251707-10)

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	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	79.4	6 44.4-14	15						
Surrogate: 1-Chlorooctadecane	74.8 9	% 40.6-15							

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03/21/2025

Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date:

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 200 1 (H251707-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	96.4	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	70.1	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	69.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 201 2 (H251707-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	1120	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	184	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 202 2 (H251707-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	202	101	200	0.470	
DRO >C10-C28*	74.5	10.0	03/25/2025	ND	189	94.4	200	1.83	
EXT DRO >C28-C36	14.4	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.2	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 203 2 (H251707-14)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	202	10.0	03/25/2025	ND	186	93.0	200	1.12	QM-07
EXT DRO >C28-C36	22.2	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	78.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	80.3	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 204 2 (H251707-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	92.7	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	13.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 205 2 (H251707-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	784	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	179	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	80.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 206 2 (H251707-17)

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	03/26/2025	ND	1.92	96.0	2.00	6.98	
Toluene*	<0.050	0.050	03/26/2025	ND	1.99	99.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.85	97.5	6.00	2.52	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	863	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	195	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 44.4-14	15						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 207 2 (H251707-18)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	< 0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	561	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	128	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	79.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 208 2 (H251707-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	574	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	127	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/24/2025 Sampling Date: 03/21/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 11 0-2 (H251707-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2050	16.0	03/25/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	357	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	87.3	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.8	% 40.6-15	3						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 \$ 2

Company Name: Ensolum, LLC Project Name: Kow 5 Project #: 03C Phone #: 432 Address: 3122 National Parks Hwy Project Manager: Project Location: Sampler Name: Relinquished By: Relinquished By: A IND 38R BY! HG. Sampler - UPS Lab I.D. Delivered By: (Circle One) FORM-006 H 3 2 10/07/21 200 - Bus - Other: 8 551 E5190 16153 E5192 Sample I.D. 321142303 FS 184 F5 195 16163 68183 296 LEVERNS 62 106 86153 637 West Sub Station 2 Xex 0627 Reich -103,9071374 Fax #: Project Owner: State: NM Depth Date: Time Time: (feet) † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinal/absnm.com Zip: 88220 OLX 8.8 (G)RAB OR (C)OMP Received By: # CONTAINERS GROUNDWATER WASTEWATER Cool Cool Mag Sample Condition MATRIX SOIL OIL SLUDGE P.O. #: Attn: Colton Brown Company: XTO Energy Inc. City: Carlsbad State: NM Phone #: Address: 3104 E Green St OTHER Fax #: PRESERV ACID/BASE ICE / COOL CHECKED BY BILL OTHER (Initials) Zip: 88220 0 3.21.25 3.21,25 DATE 70 SAMPLING 12 SO J Roich 1455 1400 1120 All Results are emailed. Please provide Email address:

TReich @ensolum.com. TMorrissey@ensolum.com, KThomason@ensolum.com 1020 1130 1025 rumaround Time: Cost Center: 225499 100 Incident: NAPP 2478259758 1355 1125 15 TIME ermometer to # 10 Rush Chlorides TPH BTEX Standard □ No ANALYSIS Add'l Phone #: Cool Intact Bacteria (only) Sample Condition REQUEST Corrected Temp. 'C Observed Temp. ó

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

242

Company Name: Ensolum, LLC Project Name: Kew 5 Project #: 03C 155% Phone #: 437 Address: 3122 National Parks Hwy Project Manager: Project Location: \$2,1/423e3 Sampler Name: Relinquished By Relinquished By: Sampler - UPS - Bus - Other: Lab I.D. Delivered By: (Circle One) FORW-006 R 3 2 10/01/21 4 0 00 10253 ES 200 Sample I.D. £5203 65202 4223 56 205 65206 296 JOHEMY FS 207 300 MI 423 West Sub Station 30xley 0627 Reich 103,9071374 Fax #: Project Owner: XTO State: NM Depth 0 Time (feet) † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com N d Zip: 88220 (G)RAB OR (C)OMP CO Received By: Heceived B) # CONTAINERS GROUNDWATER WASTEWATER 000 Sample Condition No I No MATRIX SOIL OIL SLUDGE Attn: Colton Brown Company: XTO Energy Inc. P.O. #: City: Carlsbad State: NM OTHER Phone #: Address: 3104 E Green St Fax #: ACID/BASE PRESERV ICE / COOL CHECKED BY BILL OTHER (Initials) Zip: 88220 3.21.25 3.21,25 DATE 70 SAMPLING 1545 1240 J Reich 255 550 1040 All Results are emailed. Please provide Email address:

(Results are emailed. Please provide Email address:

(Results are emailed. Please provide Email address: 1245 1235 230 050 1240 REMARKS: 1428-259758

Cost Center: 723-499 1001 Tumaround Time: nemoneral 10 # 40 Rush DO OF THE Chlorides TPH ☐ Yes BTEX □ No ANALYSIS REQUEST Add'! Phone #: Bacteria (only) Sample Condition
Cool Intact Observed Temp. "

| Yes | Yes | No Corrected Temp." Observed Temp. "C Corrected Temp, "C



March 26, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/25/25 13:50.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025 Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition:

Cool & Intact Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 07 0-1 (H251729-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	0.055	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	19.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	63.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	62.8	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 171 1 (H251729-02)

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	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	68.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	64.9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 172 1 (H251729-03)

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	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 173 1 (H251729-04)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 174 1 (H251729-05)

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	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	84.7 9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	•						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 175 1 (H251729-06)

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	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	73.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.2	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 176 1 (H251729-07)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Re	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	66.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	63.8	% 40.6-15	3						

Surrogate: 1-Chlorooctadecane 63.8 % 40.6-153

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Celey D. Freene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 177 2 (H251729-08)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	75.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 178 2 (H251729-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	78.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 179 2 (H251729-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2025	ND	1.85	92.6	2.00	1.65	
Toluene*	<0.050	0.050	03/25/2025	ND	1.96	97.8	2.00	1.45	
Ethylbenzene*	<0.050	0.050	03/25/2025	ND	1.97	98.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/25/2025	ND	6.13	102	6.00	0.875	
Total BTEX	<0.300	0.300	03/25/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	86.9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 180 2 (H251729-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	84.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.3	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 181 2 (H251729-12)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	72.2	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	74.3	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 182 2 (H251729-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 183 2 (H251729-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					
Surrogate: 1-Chlorooctane	71.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.8	% 40.6-15	3						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 184 2 (H251729-15)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.5	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 185 2 (H251729-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					
Surrogate: 1-Chlorooctane	82.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.6	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 186 2 (H251729-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.1	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil
Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: FS 187 2 (H251729-18)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.5	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 188 2 (H251729-19)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/26/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/25/2025 Sampling Date: 03/24/2025

Reported: 03/26/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 03C1558559 Sample Received By:

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 189 2 (H251729-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.81	90.6	2.00	0.994	
Toluene*	<0.050	0.050	03/26/2025	ND	1.93	96.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.94	96.8	2.00	2.92	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.03	101	6.00	2.88	
Total BTEX	<0.300	0.300	03/26/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/26/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	198	98.8	200	3.36	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	190	94.8	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1	0.147-000 (0.0)			- +
Project Manager: Ensolum, LLC	C	BILL TO		01
Jefemy Reich	eiCh	P.O. #:		ANALYSIS REQUEST
Address: 3122 National Parks Hwy	s Hwy	Company: XTO Energ		
city: Carlsbad	State: NM Zin: 88220	Company: A I O Energy	y inc.	
Phone #: 337 257-8307		Attn: Colton Brown		
Project #: 03C1558559	Project Owner: XTO	Carlehod L. Green	of.	
Project Name: Row 5 West Sub	Station	disip		
Ĭ.		State: NM Zip: 88220	0	
Sampler Name: Connor Whitman	an	Phone #:		
٦	Cit	Fax#:		
AND DOC ONLY	MATRIX		ING	
Lab I.D. Sample I.D.	(feet) (Feet) (S)RAB OR (C)OM CONTAINERS ROUNDWATER WASTEWATER	LUDGE THER: CID/BASE: E/COOL THER:	BTEX PH	HLORIDE
1 SW07	# G V	3-24-25	+	C
20 (21)			030	
4			1035	
,			1040	
5/153			240	
-			050	
8 FS177	2		850	
77	2 1		100	
10 ES177	7		1105	
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service. In no event shall Cardinal be liable for incidental or of affiliates or successors attains out of or related to the perform Relinquished By:	ever shall be de ges, including w ereunder by Can	and received by Cardinal within 30 days after compare, loss of use, or loss of profits incurred by client, a aim is based upon any of the above stand	y the client for the ompletion of the applicable nt. its subsidiaries,	
CAR	Time: 25.25	MIII AII	esult:	□ No Add'I Phone #:
Relinquished By:	Date: Received By:	in Martin	jreich@ensolum.con	jreich@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
	Time:	A RET	REMARKS: Cost Center: 1136201001	1136201001 Incident ID: NAPP2428259758
Delivered By: (Circle One)	Observed Temp. °C / 9 Sample Cendition	CHECKED BY	8000	GFCM: 48605000
Sampler - UPS - Bus - Other:	20:	(Initials)	Thermometer In Year # Ru	Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. *C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

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

Project Manager:	Jeremy Reich	5		BILL TO			ANALYSIS R	REQUEST
Address: 3122 N	Address: 3122 National Parks Hwy	Hwy		7.0. #.				
city: Carlsbad		State-NM	41C. DOOOO	Company: X I O Energy	rgy Inc.			
Phone #: 337 2	337 257-8307	Fax #:	Elb. 00770	Attn: Colton Brown	2			
Project #: 03C	03C1558559	Project Owner: XTO	r: XTO	City: Carlehad	Older Of			
Project Name:	Row 5 West Sub			- 1 6	5			
Project Location:				State: ININ Zib: 00220	20			
Sampler Name:	Connor Whitman			Phone #:		_	_	
FOR LAB USE ONLY				Fax #:		_	_	
				PRESERV. SAN	SAMPLING			
Lab I.D.	Sample I.D.	Sample Depth (feet)	G)RAB OR (C)OM CONTAINERS ROUNDWATER VASTEWATER OIL LUDGE	THER: CID/BASE: E/COOL THER:	BTEX	PH HLORIDE		
11	F3180	2	V = S	- IC	m	⊢		
12	ES181	0		(212)	Stil			
Ci	28/85	2			1120			
14	KS183	0			(17)			
15	F5184	2			(130			
14	FS185	2						
16	78154	2			145			
001	(116	2			1100			
T	57188	0 0			550			
PLEASE NOTE: Liability and Dam	nages. Cardinal's liability and client's excli	lient's exclusive remedy for any	Claim arising whether based in	4	1200 V	4		
affiliates or successors arising out or Relinquished By:	be liable for incidental or consort of or related to the performance	r cause whatsoever shall be desequental damages, including we end services hereunder by Card	ade in writing ar ss interruptions, ether such claim	of received by Cardinal within 30 days after completion of the lose of use, or lose of profits incurred by client, its subsidiaries to based upon any of the above stated reacons or otherwise.	by the client for the completion of the applicable int. Its subsidiaries,			
A		200	demaka	JAN STATE	Verbal Result: ☐ Ye All Results are emailed.	60	□ No Add'l Phone #: Please provide Email address:	
Relinquished By:		Date:	RECEIVED BY:	MARKING	jreich@ensolum.	solum.com, TMorris	sey@ensolum.com, kth	com, TMorrissey@ensolum.com, kthomason@ensolum.com
		Time:		(AFE: EW 2025 15008	7	Incident ID: NAPP2428259758	P2428259758
Sampler - UPS - Bus - Ot	her:	Corrected Temp. °C 19	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	ne: Standard	Bacteria (only)	Bacteria (only) Sample Condition



May 05, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 04/29/25 12:55.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 191A 2' (H252557-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 195A 2' (H252557-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	71.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 200A 2' (H252557-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	< 0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	74.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	70.4	% 40.6-15	:3						

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Celey & Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 203A 3' (H252557-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/30/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	72.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.8	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 205A 3' (H252557-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/30/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	78.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 206A 3' (H252557-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/30/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.7	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/29/2025 Sampling Date: 04/28/2025

Reported: 05/05/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 208A 3' (H252557-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2025	ND	1.97	98.6	2.00	5.91	
Toluene*	<0.050	0.050	04/30/2025	ND	2.08	104	2.00	6.59	
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.09	104	2.00	7.21	
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.56	109	6.00	6.68	
Total BTEX	<0.300	0.300	04/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/30/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2025	ND	200	99.8	200	1.03	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	195	97.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					
Surrogate: 1-Chlorooctane	79.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene

Time:

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

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabs/im. 6ms

No Day

CHECKED BY

Turnaround Time:

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

| Yes | Yes | Yes | Yes | No | No Corrected Temp.

Observed Temp. 4C Corrected Temp, *C

oratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 16761 393-2326 FAX (675) 393-2476

5208A 3 W #		FS205A 3		P		15191A 2	Sample I.D. Sample Depth		Connor Whitman	Row 5 West Sub Station	03C1558559 Project Owner: XTO	337 257-8307 Fax#:	Stato: NM	Address: 3122 National Parks Hwy	Jeremy Reich	Ensolum LLC	0/0) 333-6360 FAA 0/0/ 333-64/0
) (3	Y.X	3	2	2	2	Sample Dep (feet)			Station	Project Own	Fax#:		y			2 10/01 5
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€								ESERV.	Phone #:	3	city: Carlsbad	Address: 3104 E.	Attn: Colton Brown	Company: XTO E	P.O.#:	BILL 7	
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May 23, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 05/22/25 14:00.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 05/22/2025 Sampling Date: 05/21/2025

Reported: 05/23/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 194 2' (H253086-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2025	ND	2.05	103	2.00	2.67	
Toluene*	<0.050	0.050	05/22/2025	ND	2.17	109	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	2.15	108	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.62	110	6.00	2.97	
Total BTEX	<0.300	0.300	05/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/23/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2025	ND	218	109	200	0.126	
DRO >C10-C28*	<10.0	10.0	05/22/2025	ND	206	103	200	0.988	
EXT DRO >C28-C36	<10.0	10.0	05/22/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.0	% 40.6-15	3						

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Celeg D. Keens



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 05/22/2025 Sampling Date: 05/21/2025

Reported: 05/23/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 201 3' (H253086-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2025	ND	2.05	103	2.00	2.67	
Toluene*	<0.050	0.050	05/22/2025	ND	2.17	109	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	2.15	108	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.62	110	6.00	2.97	
Total BTEX	<0.300	0.300	05/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/23/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2025	ND	218	109	200	0.126	
DRO >C10-C28*	<10.0	10.0	05/22/2025	ND	206	103	200	0.988	
EXT DRO >C28-C36	<10.0	10.0	05/22/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	85.5	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 05/22/2025 Sampling Date: 05/21/2025

Reported: 05/23/2025 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: FS 202 3' (H253086-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2025	ND	2.05	103	2.00	2.67	
Toluene*	<0.050	0.050	05/22/2025	ND	2.17	109	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	2.15	108	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.62	110	6.00	2.97	
Total BTEX	<0.300	0.300	05/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/23/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2025	ND	218	109	200	0.126	
DRO >C10-C28*	<10.0	10.0	05/22/2025	ND	206	103	200	0.988	
EXT DRO >C28-C36	<10.0	10.0	05/22/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 05/22/2025 Sampling Date: 05/21/2025

Reported: Sampling Type: Soil 05/23/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: FS 207 3' (H253086-04)

BTEX 8021B	mg/	mg/kg Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2025	ND	2.05	103	2.00	2.67	
Toluene*	<0.050	0.050	05/22/2025	ND	2.17	109	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	2.15	108	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.62	110	6.00	2.97	
Total BTEX	<0.300	0.300	05/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/23/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2025	ND	218	109	200	0.126	
DRO >C10-C28*	<10.0	10.0	05/22/2025	ND	206	103	200	0.988	
EXT DRO >C28-C36	<10.0	10.0	05/22/2025	ND					
Surrogate: 1-Chlorooctane	90.89	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.8 9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 05/22/2025 Sampling Date: 05/21/2025

Reported: Sampling Type: Soil 05/23/2025

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.1142303-103.9071374

Sample ID: SW 11 0-3' (H253086-05)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2025	ND	2.05	103	2.00	2.67	
Toluene*	<0.050	0.050	05/22/2025	ND	2.17	109	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	2.15	108	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.62	110	6.00	2.97	
Total BTEX	<0.300	0.300	05/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/23/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2025	ND	218	109	200	0.126	
DRO >C10-C28*	<10.0	10.0	05/22/2025	ND	206	103	200	0.988	
EXT DRO >C28-C36	<10.0	10.0	05/22/2025	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.4	% 40.6-15	3						

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Celeg D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

Page 286 of 376

made in writing and received by Caronian
Verbal Result: ☐ Yes ☐ No Add'I Phone #: TMorrissey@ensolum.com, BBellil@ensolum.com, JReich@ensolum.com,
758 Bacteria (only) Sample Condition
Cool Infact Observed Temp. 'C
TIME TIME P H H H H H H H H H H H H



June 04, 2025

JEREMY REICH

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROW 5 WEST SUB STATION - SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/02/25 11:50.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC JEREMY REICH 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 06/02/2025 Sampling Date: 05/29/2025

Reported: 06/04/2025 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB STATION - SPILL** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303, -103.9071374

Sample ID: FS 204 3' (H253263-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2025	ND	1.84	91.9	2.00	3.58	
Toluene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.38	
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.92	96.0	2.00	4.04	
Total Xylenes*	<0.150	0.150	06/02/2025	ND	5.95	99.2	6.00	3.96	
Total BTEX	<0.300	0.300	06/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/03/2025	ND	480	120	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	207	104	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	205	103	200	0.662	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.4	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Kreene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

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

	(575) 393-2326 FAX (575) 393-2476	AX (575) 393-2	2476				
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO		AI	ANALYSIS REQUEST
Project Manager:	Jeremy Reich			P.O. #:	-		
Address: 601 N I	Address: 601 N Marienfeld Street, Su	Suite 400		Company: XTO Energy, Inc.	y, Inc		
City: Midland		State: TX	Zip: 79701				
Phone #: 432-2	432-296-0627	Fax #:		10	ene St		_
Project #: 03	03C1558559	Project Owner:	er: XTO Energy	-		_	_
Project Name:	Row 5 West Sub Station - spill	tion - spill		State: NM Zip: 88220	20		_
Project Location:	: 32.1142303, -103.9071374	9071374					
Sampler Name:	Jesse Dorman			Fax #:			
FOR LAB USE ONLY			MATRIX	ESERV.	SAMPLING		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE/COOL OTHER:	TPH 8015	BTEX 8021 Chloride 4500	
/	ES 204	N	1	/ 5,	~		
				\			
	(31)						
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Carr affiliates or successors arising	d Damages. Cardinal's liability and cli g those for negligence and any other ordinal be liable for incidental or conse g out of or related to the performance	ient's exclusive remedy for a cause whatsoever shall be equental damages, including e of services hereunder by C	PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligance and any other cause whatsoever shall be desemed warked unless made in writing and necleid by Cardinal which 30 days after completion of the applicable service. In no went shall Cardinal the liable for incidental or consequental damages, including without instruction, business interruptions, loss of use, or loss of profits incrured by Cardinals, subscidentes, affilialies or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated treasons or otherwise.	d or tort, shall be limited to the amount paind received by Cardinal within 30 days after loss of use, or loss of profits incurred by one stated received the above stated received.	d by the client for the r completion of the applicab lient, its subsidiaries, asons or otherwise		
Relinquished By:		Date: 2-25	Received By:	Mellelle.	Verbal Result: All Results are en BBelill@ensolum. THillard@ensolun	Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address: BBeilil@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com	Add'I Phone #: de Email address: JReich@ensolum.com solum.com ensolum.com
relinquisned by:		Date:	Received By:	(REMARKS: Incid Cost GFC	Incident Number: NAPP2428259758 Cost Center: 2234991001 AFE GFCM: 48605000 AFE	3259758 AFE: EW.2025.15008
Delivered By: (Circle One) Sampler - UPS - Bus - Oti	her	Observed Temp. "C	Sample Con Cool Intac	CHECKED BY:	Turnaround Time:	Standard Rush	,
N OUD-MNO	ST INDIANA		ON D	0	Correction Factor -0.3°C	3c to 32 0 "	No Corrected Temp. °C



APPENDIX D

January 2, 2025, Remediation Work Plan



January 2, 2025

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

Re: Remediation Work Plan
Row 5 West Booster Station
Incident Number NAPP2428259758
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared the following *Remediation Work Plan* (*Work Plan*) to document the site assessment activities completed to date and propose a work plan to address impacted soil identified at the Row 5 West Booster Station (Site). The purpose of the site assessment activities was to delineate the lateral and vertical extent of impacted soil resulting from a release of produced water at the Site. The following *Work Plan* proposes to excavate impacted soil within the top 4 feet of the release extent.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit K, Section 20, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.1142303°, -103.9071374°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On October 8, 2024, a pump failed resulting in the release of 187 barrels (bbls) of produced water onto the pad. No fluids were recovered. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) submitted on October 8, 2024, and subsequently submitted the Initial C-141 Application (C-141) on October 9, 2024. The release was assigned Incident Number NAPP2428259758.

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 greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. In Febuary 2020, a New Mexico Office of the State Engineer (NMOSE) permitted well (C-4394), located approximately 0.44 miles west of the Site, was advanced to a depth of 110 feet bgs. Depth to groundwater is documented to be greater than 110 feet bgs. The Well Record is included in Appendix A and all referenced wells are depicted on Figure 1.

The closest continuously flowing or significant watercourse to the Site is a dry wash located approximately 1,072 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole,

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Park Highway | Carlsbad, NM 882200 | ensolum.com

XTO Energy, Inc. Remediation Work Plan Row 5 West Booster Station

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 underlain by stable geology (low potential karst designation area).

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

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

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

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On October 31, 2024 Ensolum personnel conducted a Site visit to evaluate the release extent based on information provided on the C-141 and visual observations. Ensolum personnel collected fourteen delineation soil samples (SS01 through SS14) within and around the release extent from a depth of 0.5 feet bgs to assess the lateral extent of the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visits and a photographic log is included in Appendix B.

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

On November 21, 2024, Ensolum personnel returned to the Site to oversee vertical delineation of the release extent. Delineation boreholes BH01 through BH08 were advanced in the approximate locations of SS01through SS08, respectively. The delineation boreholes were advanced via hand auger to a maximum depth of 9 feet bgs. Discrete soil samples were collected from each borehole at depths ranging from 1-foot bgs to 9 feet bgs. Soil from the boreholes was field screened for VOCs and chloride. Field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix C. Delineation soil samples from each borehole, at depths ranging from 1 foot bgs to 9 feet bgs were collected, handled and analyzed as described above at Cardinal in Hobbs, New Mexico. The soil sample locations are depicted on Figure 2.



XTO Energy, Inc. Remediation Work Plan Row 5 West Booster Station

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the delineation soil samples SS01/BH01 through SS08/BH08 indicated that TPH-GRO/TPH-DRO, TPH, and/or chloride concentrations exceeded the Closure Criteria and/or reclamation requirement at depths ranging from 0.5 feet to 4 feet bgs. Laboratory analytical results for delineation soil samples SS06/BH06 and SS08/BH08 collected at 5 feet and 6 feet bgs, respectively, indicated that all COC concentrations were in compliance with the strictest Table I Closure Criteria, successfully defining the vertical extent of the release. In addition, laboratory analytical results for delineation soil samples SS09 through SS14 collected outside of the release extent indicated concentrations of all COCs were compliant with the Closure Criteria and reclamation requirement and successfully defined the lateral extent of the release. Laboratory analytical results are summarized in Table 1 and the Laboratory Analytical Reports & Chain-of-Custody Documentation are presented in Appendix D.

PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate soil containing elevated TPH-GRO/TPH-DRO, TPH, and/or chloride concentrations exists across an approximate 72,456 square foot area and extends to a maximum depth of 4 feet bgs. XTO proposes to complete the following remediation activities:

- Excavation of waste-containing and impacted soil to a depth of 4 feet bgs. Excavation will
 proceed laterally until sidewall samples confirm all COC concentrations are compliant with the
 strictest Table I Closure Criteria.
- An estimated 10,734 cubic yards of waste-containing and impacted soil will be excavated. The
 excavated soil will be transferred a New Mexico approved landfill facility for disposal.
- Following excavation and a review of confirmation soil sampling results indicating all wastecontaining and impacted soil has been removed, the excavation will be backfilled and recontoured to match pre-existing conditions and reseeded with a BLM approved seed mixture.

Due to the estimated 72,456 square foot size of the excavation, XTO requests a variance for frequency of excavation confirmation samples. XTO proposes the frequency of confirmation sampling for the excavation floor to be decreased from every 200 square feet (approximately 362 samples) to every 400 square feet (approximately 181 samples). Each 5-point composite floor sample will represent a 400 square foot area. The proposed sampling grid and approximate excavation extent is depicted on Figure 3. Sidewall samples in areas of the excavation in the pasture which are anticipated to be as deep as 4 feet bgs will be collected at a frequency of every 200 square feet (approximately 11 samples). The soil samples will be handled as described above and analyzed for all COCs at Cardinal in Hobbs, New Mexico.

XTO will proceed with the excavation and soil sampling activities and will submit a Closure Report within 90 days of the date of approval of this Work Plan by the NMOCD.



XTO Energy, Inc. Remediation Work Plan Row 5 West Booster Station

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

Mouissey

Sincerely, **Ensolum**, **LLC**

Jesse Dorman Associate Geologist

an Tacoma Morrissey, MS eologist Associate Principal

cc: Colton Brown, XTO Kaylan Dirkx, XTO BLM

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations

Figure 3 Proposed Excavation Map
Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

Appendix B Photographic Log

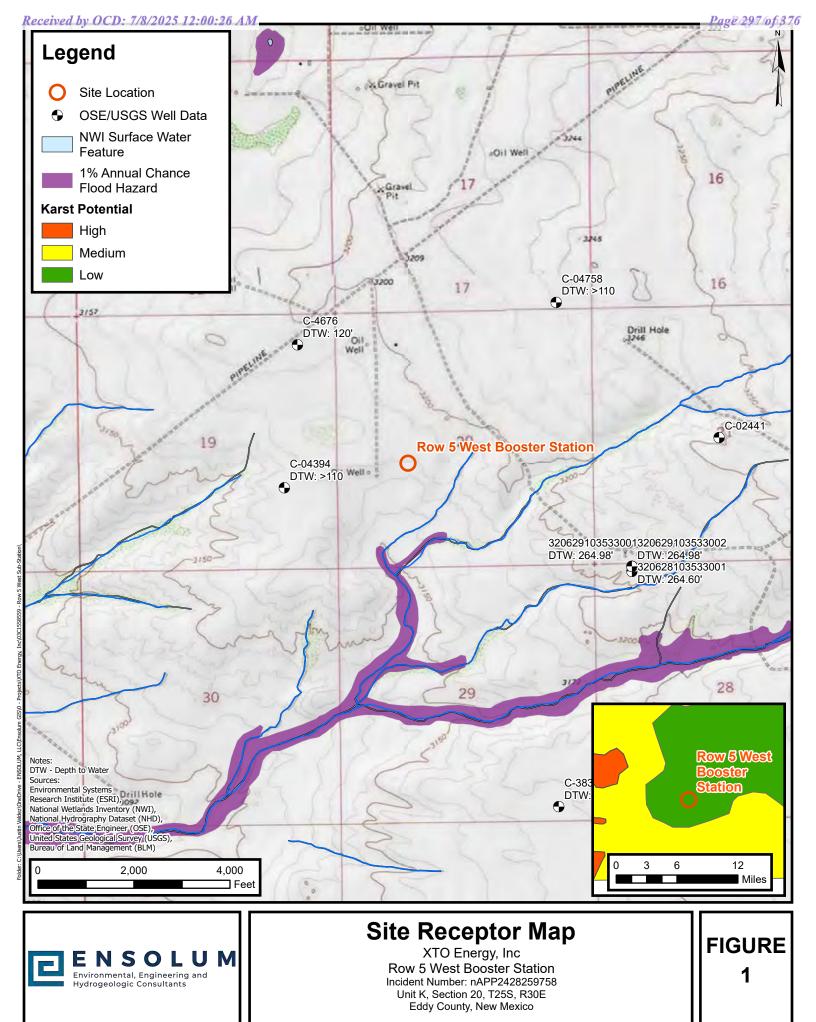
Appendix C Lithologic / Soil Sampling Logs

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

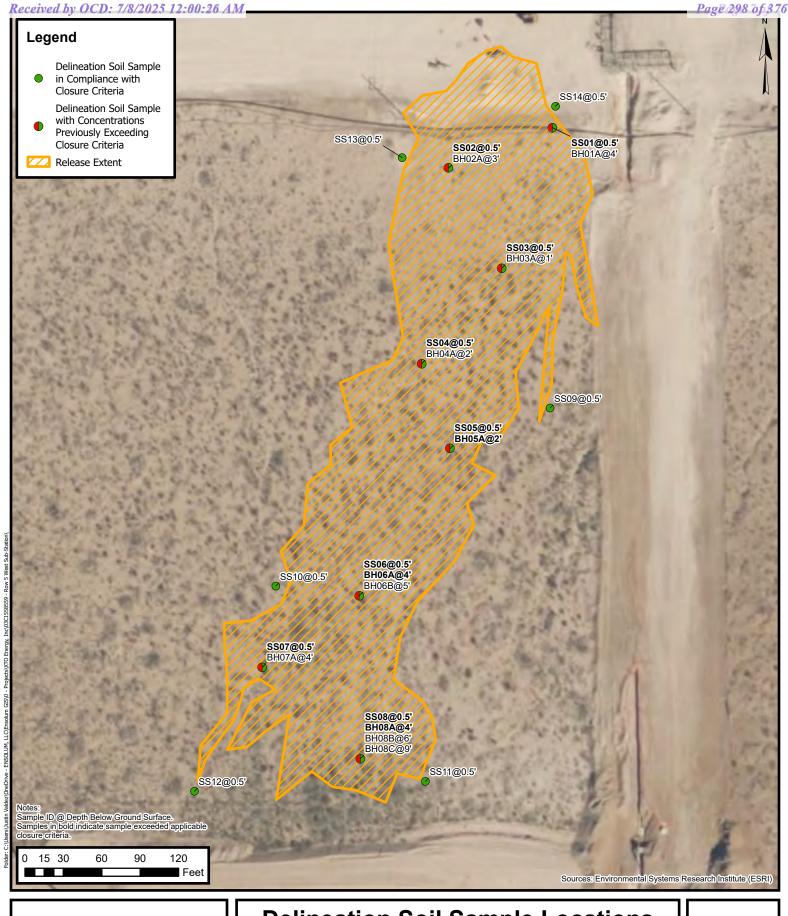




FIGURES



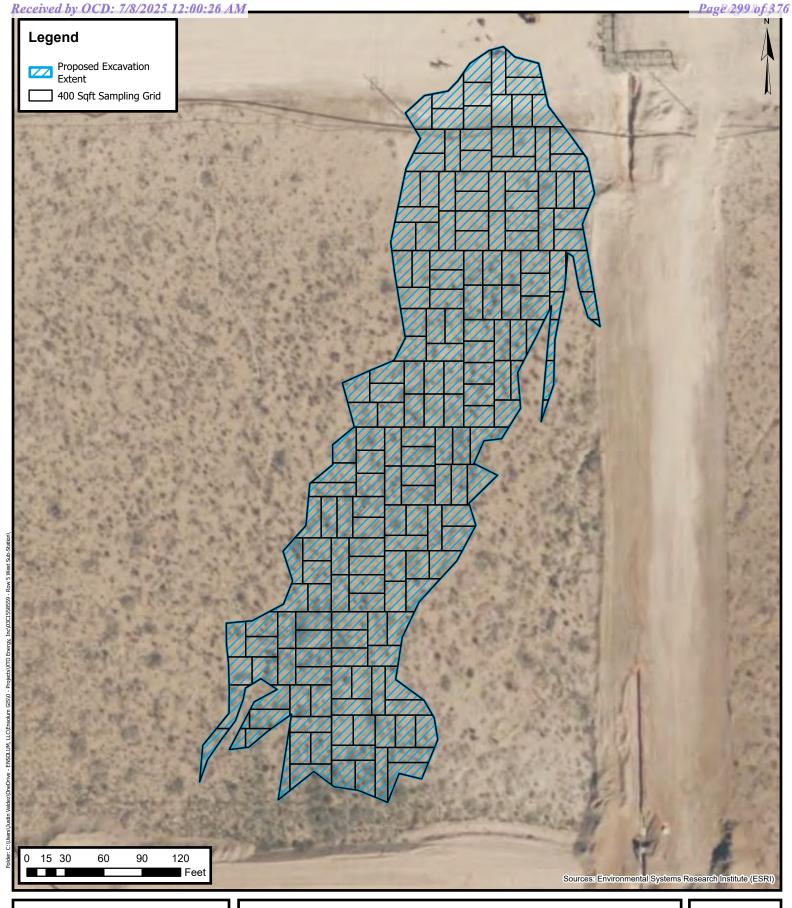
Released to Imaging: 8/21/2025 2:44:09 PM





Delineation Soil Sample Locations

XTO Energy, Inc Row 5 West Booster Station Incident Number: nAPP2428259758 Unit K, Section 20, T25S, R30E Eddy County, New Mexico FIGURE 2





Proposed Excavation Map

XTO Energy, Inc Row 5 West Booster Station Incident Number: nAPP2428259758 Unit K, Section 20, T25S, R30E Eddy County, New Mexico FIGURE 3

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TABLES

Received by OCD: 7/8/2025 12:00:26 AM



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS ROW 5 West Booster 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 C	losure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Deli	neation Soil Sa	mples				
SS01	10/31/2024	0.5	<0.050	<0.300	<10.0	625	120	625	745	2,720
BH01A	11/21/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	10/31/2024	0.5	<0.050	<0.300	<10.0	155	25.7	155	181	4,880
BH02A	11/21/2024	3	< 0.050	<0.300	<10.0	45.7	<10.0	45.7	45.7	224
SS03	10/31/2024	0.5	<0.050	<0.300	<10.0	1,420	289	1,420	1,709	3,480
BH03A	11/21/2024	1	< 0.050	<0.300	<10.0	42.8	<10.0	42.8	42.8	208
SS04	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
BH04A	11/21/2024	2	< 0.050	<0.300	<10.0	38.5	<10.0	38.5	38.5	96.0
SS05	10/31/2024	0.5	<0.050	<0.300	<10.0	122	16.1	122	138	2,040
BH05A	11/21/2024	2	< 0.050	<0.300	<10.0	3,090	666	3,090	3,756	144
SS06	10/31/2024	0.5	<0.050	2.53	320	4,590	588	4,910	5,498	2,400
BH06A	11/21/2024	4	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH06B	11/21/2024	5	< 0.050	<0.300	<10.0	31.5	<10.0	31.5	31.5	112
SS07	10/31/2024	0.5	<0.050	<0.300	<10.0	226	55.1	226	281	2,200
BH07A	11/21/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SS08	10/31/2024	0.5	<0.050	<0.300	<10.0	608	113	608	721	3,040
BH08A	11/21/2024	4	< 0.050	<0.300	<10.0	151	25.8	151	177	64.0
BH08B	11/21/2024	6	< 0.050	<0.300	<10.0	16.0	<10.0	16.0	16.0	48.0
BH08C	11/21/2024	9	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

Received by OCD: 7/8/2025 12:00:26 AM Page 302 lof 376



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS ROW 5 West Booster 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 CI	osure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
SS09	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS10	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS11	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS12	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SS13	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS14	10/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

requirement where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities

2 of 2 Ensolum



APPENDIX A

Referenced Well Records

LT Environ	P mental, Inc.		5	08 We	ironment st Steven	s Street			Identifier:	Date: 2/4/20	920
	56		Car	rlsbad, i	Vew Mexi	co 8822	0		Project Name:	RP Number:	. 5
-	32		Compl	liance · E	ngineerin	g · Remed	liation		PLU 42	3 ZRP-379	0
		LITHO	LOGIC	/SOI	L SAMP	LING L	OG		Logged By: FS	Method: SONIC	
at/Long					Field Scree	ening : CHIL	ORIDES, P	ID.	Hole Diameter: 4"/6"	Total Depth:	t I
Commen	No	sam	plin	9.1	thola	971	emarl	s on			
Moisture	Chloride (ppm)	-	Staining	Sample #		Sample	×			gy/Remarks	
					1			hyd	rovac excava	ed (refusal@ 11)	
D			2		3 -		SW.S	2.5	light br	ry, well grad fine graind wn - tan, no:	stain,
D			И		5			5'	few silty reddish non cohe	sand pock brwn, no pl sive	ets, as,
D					7 - 8		SP	6'	SAND, d graded, l brwn, f	ry, poorly ight brun -	ž
) D			7 7		9 -		SW-S		Some mod	l consol ss	Ь
_					11			101	rounded	t ss 10-111	
					12 _		SP	12'	abundan	d'absent t se grave ol)	13'60
D			7		15				ant	- some	abunda
D			7		16 _		Sw-S	23'	brun-tar	ated mod "	iell
			2.1		18			20	absent	e chunks	
D	4 1		7		19						
D			t-	h II	20	1					
					21						2.1
D			N		22		7				
					23						
					24						
D			N		25						

Person	P mental, inc.		Ca	508 We rlsbad,	ironment st Steven New Mexi Engineerin	s Street co 8822			Identifier: MW01 Project Name: ADU 816 PLU 423	Date: Z/4/2020 RP Number: 2RP-2674 7 881-3790
		LITH	OLOGIC	c /soi	L SAMP				Logged By: FS	Method: SONIC
Lat/Long					Field Scree	ning : CHL	ORIDES, I	ID.	Hole Diameter: 44/6	Total Depth:
Commen	ts:									1
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type		Lithology	/Remarks
0			7		26] 27] 28] 29		SP	27.9	tan, poo fine-very	ery, light brun rly graded, finegrey - grey
D			7	ā	30 _			31'		pebbles (gravel)
٥			7		32			31.	light b	change orwn-teddis
m			2		35 36				-34' abun chunk	dant ss s, mod consol Ks absent
m			7		37 38 39		SW-S	36	reddish bru reddish bru rounded - s grey-light lamination	pockets in, few pebbles subrounded, grey, few
m		*	N		40 41			47.5	caliehe,	dolomite?
M			N		42 43		Y			dish brun
m	3"		N		44 45 46	2	89	44.5	SILTY Sand	
			N	2/	47 48			.la C '	clay nodul	asticity, non race high plas es, reddish
			2		49			49.5	(35-40	y band, orange

" Mary

100	mental, Inc.		Ca	508 We arlsbad,	rironment est Steven New Mex Engineerin	s Street ico 8822			Identifier: MWOI Project Name: PLU 423	Date: 2/4/2020 RP Number: 2887-3760
		LITHO			L SAMP				Logged By: FS	Method: Sonic
Lat/Long					Field Scree	ening:- CHL	ORIDES, P	D.	Hole Diameter: 4 /6"	Total Depth: 110'
Commen	ts:									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type		Lithology	y/Remarks
D			И		51 1		SP			igh plas clay
D			2		53 _			55	s' color e	ilty ss, poorly dated hange fan -
M			1		55 _ 56 _ 57				grey ba	and ((30mm)
W			7		58 _	X			brwn-b	sand, light frun, moist, non cohesive
W		3.	N	1	60		sm	6	Z' more ce	prisolidated
D			7		62 63		sm-s	6	clay no pocket	brwn color e, silfy lodules s of silty
m			N		65			68	s. lowpl	as clay pock
m			7		66 67 68			711		few low plas aminations sand, dry,
η			7		69 70			X	no plas, light b	non cohesive,
			И		71 72 72		sm	74'	light gr	aliche pebbles ey - grey
0					73 74	3		X		46
)			1		75					

U Environ	grental, Inc.		50	T Environi 08 West Ste	evens Stre	eet		Identifier:	Date: 2/4/2020
ACMAN, I	5		Carls	sbad, New ance · Engin	Mexico 8	8220		Project Name: PLU 423	RP Number: 2RP - 3790
		LITHO	LOGIC	/ SOIL SA	MPLING	GLOG		Logged By: F5, 8B	Method: sonic
Lat/Long				Field	Screening	CHLORIDES, J	PID.	Hole Diameter: 6"/4"	Total Depth:
Commen	ts:			î	1	i	1		
Moisture	Chloride (ppm)	Vapor (ppm)	Staining		pth Sam ogs.) Dep			Lithology/I	Remarks
D			N	9	T	3 7 2	76.	5' trace low nodules re	plas clay ddish brwn
D			N	9	79		82	greenis	ist, brwn- h grey low ty, cohosive,
D			N	9	8		851	mod con	no odor asolidated and, dry,
η			N		8:	3 CL-S		no plas,	non cohosiva, no odor
D		1	N	•	86	5 SM		off white	ange tan-
			N		88	gm-s		SILTSTON W/clay poc	
>	1		N		90	81 15	91'		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2		1	V		91 92 93	1 1		5' band ye plas cla	clay pockets
2		1	1	•	94	54.71	2/5/2	- /	end@95' 2/4,
n		^			96	9	5'-101	CLAY, noist brown	-dek brown,
n		^	<i>y</i>	•	98			ations, no stein,	00 0000
		^	,		99	9	8- 99	ten fine gran s	m od stune
1			1		100		2. /	The state of the s	4.4

LT Environ	-		Car	i08 We Isbad,	rironment est Stevens New Mexi Engineering	s Street ico 8822			Identifier: MWO I Project Name: PLV 423	Date: 2/5/2020 RP Number: 2RP - 3790
		LITHO	LOGIC	/ 50	L SAMP	LING L	OG		Logged By: BP	Method: Sonie
at/Long					Field Scree	ening: CHL	ORIDES, P	D.	Hole Diameter: 6 /4"	Total Depth:
ommen	ts:									, , ,
Moisture	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Depth	Soil/Rock Type		Litholog	y/Remarks
					101		CH	101'-	los' class	DNE, ten-light bound,
0			N		102		5P-5			ousilidated, culcurous
D			N		103			4	imented, poorly	graded, no stack,
			,		104			•	so oder.	
0			٧		105	H		105'-	110' CVAY, a	ist, dak bown -
M			N		106		CH	bo	own, high plasti	isty, cohesine, true
P			N		107			177	for laminet	ions, no stain, no
-			,,		108		6 1		109' tan - 1's	et have well
D			~		109	Ð		,	ansolidated fine	gram sonds the
m			N		110	Ŧ			stringer,	0
					111		TOAK			
					112			T	D & 110'	
					113					
					114					
					115		1			
					116					
					0.64, 0.2	1				
					117					
					118					
					119					
					120					
					121					
					122					
					123					
					124					
	Live 1				125					



APPENDIX B

Photographic Log



Photographic Log

XTO Energy, Inc. Row 5 West Booster Station nAPP2428259758





Photograph: 1 Date: 10/08/2024

Description: Staining within release extent

View: Southeast

Photograph: 2 Date: 10/31/2024

Description: Staining within release extent

View: South





Photograph: 3 Date: 11/21/2024

Description: Delineation activities

View: Northeast

Photograph: 4 Date: 11/21/2024

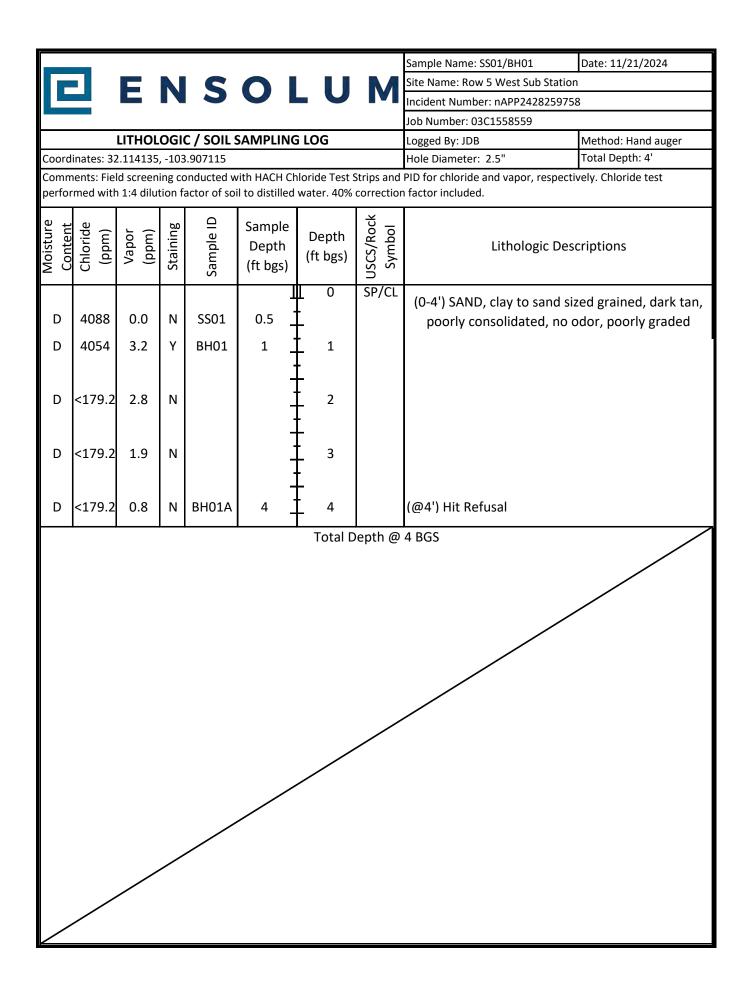
Description: Delineation activities

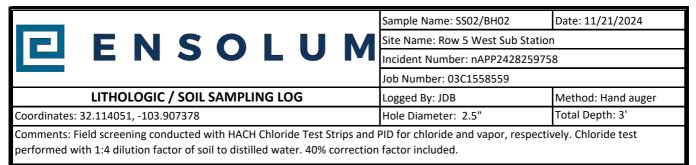
View: Southwest



APPENDIX C

Lithologic Soil Sampling Logs

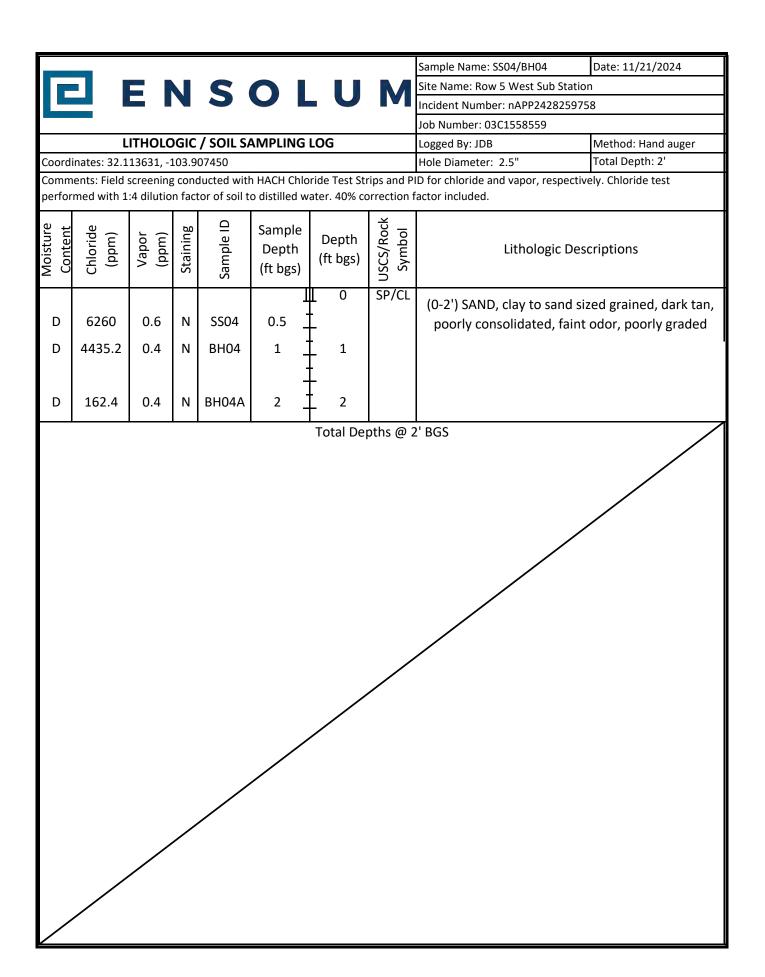


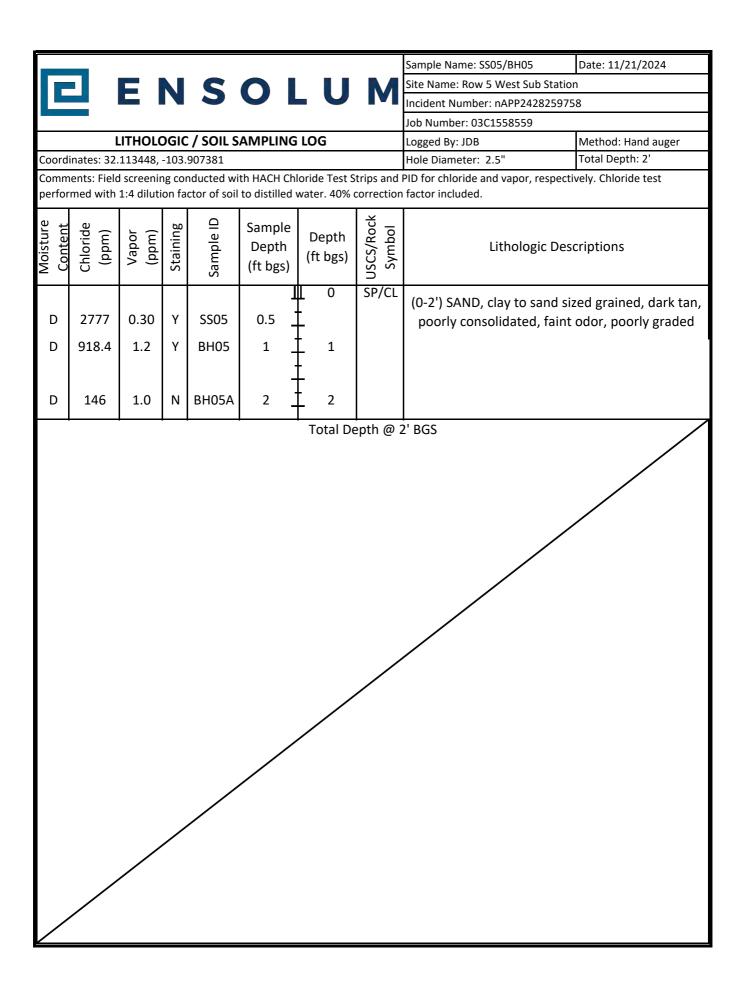


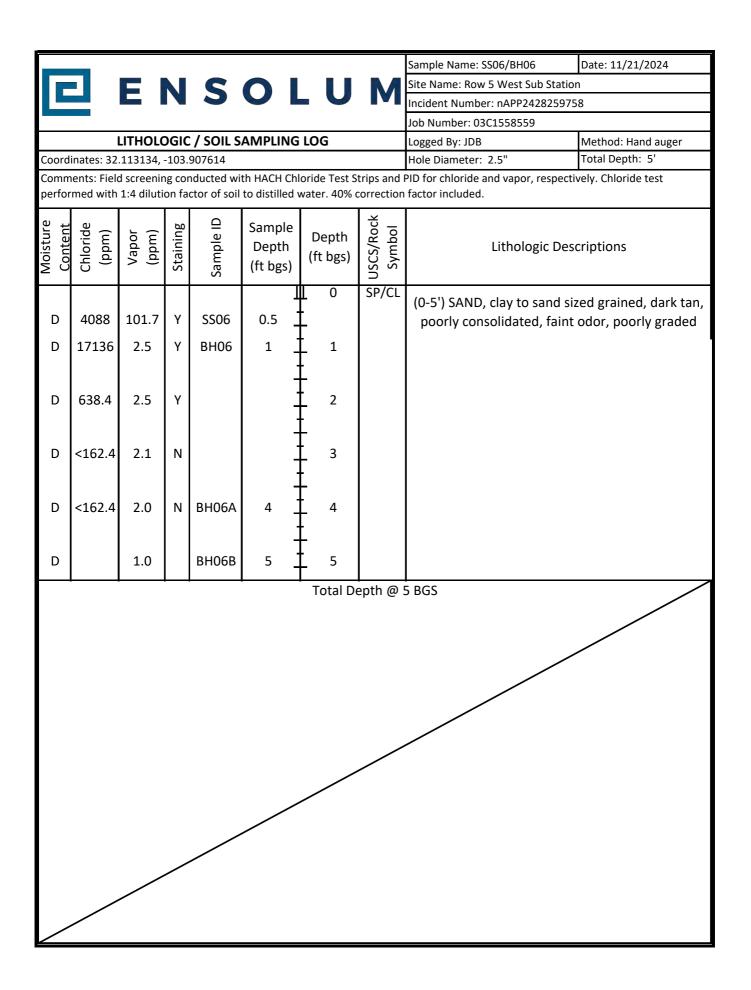
Moisture	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
					1	L 0	SP/CL	(0-4') SAND, clay to sand sized grained, dark tan,
D	10,064	0.0	N	SS02	0.5	- -		poorly consolidated, no odor, poorly graded
D	856.8	2.3	Υ	BH02	1 _	1		(+ faint odor)
D	856.8	7.5	Υ		- - -	- - - 2		
D	<179.2	1.8	Ν	BH02A	3 _	3		(@3') Hit Refusal

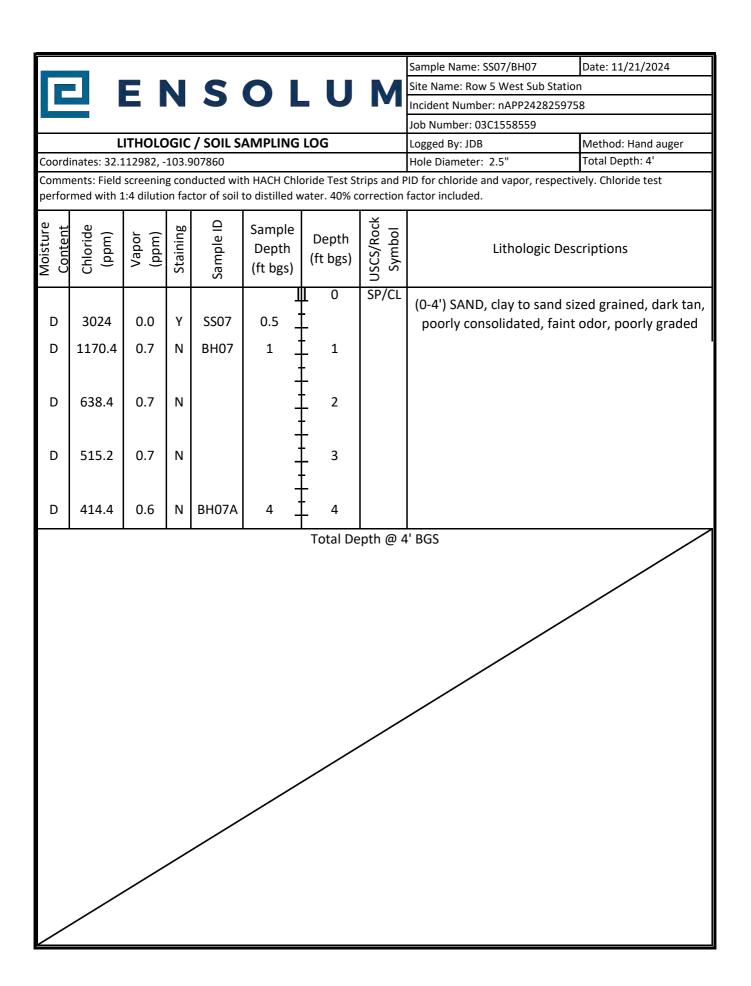
Total Depth @ 3' BGS

						Commis Names CCO2/BLIO2	Deta: 11/21/2024
						Sample Name: SS03/BH03 Site Name: Row 5 West Sub Stat	Date: 11/21/2024
	E N	5	U	U	V	Incident Number: nAPP2428259	
						Job Number: 03C1558559	
LIT	THOLOGIC	C / SOIL S	AMPLING	LOG		Logged By: JDB	Method: Hand auger
Coordinates: 32.1			7			Hole Diameter: 2.5"	Total Depth: 1'
	screening co	nducted w			•	PID for chloride and vapor, respe	•
Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic D	escriptions
	7.3 Y 0.7 N	SS03 BH03A	0.5 1	0	SP/CL	(0-1') SAND, clay to sand poorly consolidated, fai	_
				Total D	epth @	11 DCC	









								Sample Name: SS08/BH08	Date: 11/21/2024
	7 .							Site Name: Row 5 West Sub Sta	tion
			V	5	O L	U	V	Incident Number: nAPP2428259	9758
8								Job Number: 03C1558559	
	L	ITHOLO	GIC	/ SOIL SA	AMPLING	LOG		Logged By: JDB	Method: Hand auger
Coordi	nates: 32.1							Hole Diameter: 2.5"	Total Depth: 9'
Comm	ents: Field :	screening	g cond	ducted witl				ID for chloride and vapor, respectactor included.	· ·
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic D	escriptions
D	3186	12.9	Υ	SS08	0.5	0	SP/CL	(0-9') SAND, clay to sand poorly consolidated, fai	_
D	1982.4	5.4	Υ	BH08	1 <u>-</u>	1			,
D	996.8	5.1	Υ		- - -	2			
D	576.8	3.8	N		-	3			
D	162.4	3.0	N	вноа	4 _	4			
D	<162.4	6.5	N		- - -	5			
D	<162.4	3.7	N	вновв	6	6			
D	<162.4	6.5	N		- - -	7			
D	<162.4	3.4	N		- - -	8			
D	<162.4	3.8	N	вновс	9	9		(@ 9') Hit Refusal	
						Total I	Depth @	9'	



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



November 26, 2024

BEN BELILL ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/22/24 12:06.

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

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

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

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Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: BH 01 A 4' (H247177-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	65.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.1	% 49.1-14	8						

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Whe South

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: Sampling Type: Soil 11/26/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: BH 02 A 3' (H247177-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	45.7	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	67.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.1	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: BH 03 A 1' (H247177-03)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 % 71.5-13-		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	42.8	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	59.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	56.2	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: BH 04 A 2' (H247177-04)

BTEX 8021B

DILX GOZID	mg/	- Kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	38.5	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: BH 05 A 2' (H247177-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	3090	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	666	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: BH 06 A 4' (H247177-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: Sampling Type: Soil 11/26/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: 03C1558559 Sample Received By: Alyssa Parras

Project Location: XTO 32.1142303-103.9071374

Sample ID: BH 07 A 4' (H247177-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: BH 08 A 4' (H247177-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	4.53	
Toluene*	<0.050	0.050	11/25/2024	ND	1.92	96.1	2.00	2.85	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.03	101	2.00	5.00	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.17	103	6.00	5.46	
Total BTEX	<0.300	0.300	11/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/26/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	220	110	200	1.70	
DRO >C10-C28*	151	10.0	11/25/2024	ND	203	101	200	1.40	
EXT DRO >C28-C36	25.8	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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with South



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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 10 of 11

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	1	3
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories	CARDINAL

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By	Relinquished By:	PLEASE WITE: Limital and Dis- services, All calons including the samples, in no swent shall Canding Millionies of autocomoun arising to.		A	١	Ç	S	£	ري	U		Lab I.D.	FOR LAB USE DALLY	Sampler Name: Joshua Boxley	Project Location:	Project Name:	Project #: 03C	Phone #: 459	City: Carlsbad	Address: 3122 N	Project Manager: 1811	Company Name: Ensolum, LLC
rcle One) 3us - Other:	1	The sale	ALLOCATION CHARGE. Cutting and Country and startly and startly actions manaly but any olans passed in contract or our shall be initiated the amount past or by the resistance of the start		5HOBA	PHOTA	1997G4	BHOSA	BHOHA	5H034	BH0Z4	15/40/ A	Sample I.D.		Joshua Boxley	32,1142505	Project Name: ROW 5 Wish	1558559	854 OB52		Address: 3122 National Parks Hwy	KIN KI	Ensolum, LLC
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Sample Condition Cool Intact Diffes Pres		d By:	ery what ar based in coding yet unless made in writing at lation, purchase alternations arthress of whether seats claim		W						1	×	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX						20			
			and or sort, which has leminate to the emount paid my the chainst form and mounted by Cardinal within 30 days after using which of the is, cause of use, or knowly profile provincing by others, the subsolication on as based upon any of the bodys stated mesons or otherwise.		N							×	OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV	Fax #:	Phone #:	State: NM	City: Carlsbad	Address: 3104 E Green St	Attn: Colton Brown	Company: XTO Energy Inc	P.O. #	8.
(Initials)			to the emount pake within 30 days when readth arounted by o the notices stated in		11.24.24	-				15		11.21.24	DATE				Zip: 88220	ad	04 E Green	Brown	(TO Energy		BILL TO
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Bacteria (only): Cool Intact Ves Yes No No	8	ne #: ddress: nsolum.co																					ANALYSIS REQUEST
Bacteria (only) Sample Condition Cool Intact Observed Temp. *C Yes Yes No Corrected Temp. *C		☐ Yes ☐ No AddT Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com																					DEST
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November 04, 2024

BEN BELILL
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/01/24 12:00.

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

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

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

Celeg D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 01 0.5' (H246677-01)

DTEV 0021D

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	11/02/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	625	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	120	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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Celeg D. Keene



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: Sampling Type: Soil 11/04/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 03C1558559

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 02 0.5' (H246677-02)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	155	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	25.7	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Celeg D. Keene



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 03 0.5' (H246677-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	< 0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	1420	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	289	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Celley & Keens



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: SS 04 0.5' (H246677-04)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: Sampling Type: Soil 11/04/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 05 0.5' (H246677-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	122	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	16.1	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celeg D. Kreene



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

Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: Sampling Type: Soil 11/04/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 06 0.5' (H246677-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	0.203	0.050	11/02/2024	ND	2.07	104	2.00	5.61	GC-NC1
Total Xylenes*	2.33	0.150	11/02/2024	ND	6.18	103	6.00	6.01	GC-NC1
Total BTEX	2.53	0.300	11/02/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	233 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	320	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	4590	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	588	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	153 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.1142303-103.9071374

ma/ka

Sample ID: SS 07 0.5' (H246677-07)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	226	10.0	11/01/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	55.1	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 08 0.5' (H246677-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	608	10.0	11/02/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	113	10.0	11/02/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	18						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: Sampling Type: Soil 11/04/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 09 0.5' (H246677-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/02/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	11/02/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: SS 10 0.5' (H246677-10)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2024	ND	2.12	106	2.00	4.62	
Toluene*	<0.050	0.050	11/02/2024	ND	2.06	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/02/2024	ND	2.07	104	2.00	5.61	
Total Xylenes*	<0.150	0.150	11/02/2024	ND	6.18	103	6.00	6.01	
Total BTEX	<0.300	0.300	11/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/02/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	11/02/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: Sampling Type: Soil 11/04/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 11 0.5' (H246677-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2024	ND	2.23	112	2.00	1.89	
Toluene*	<0.050	0.050	11/01/2024	ND	2.42	121	2.00	4.54	
Ethylbenzene*	<0.050	0.050	11/01/2024	ND	2.51	126	2.00	6.61	
Total Xylenes*	<0.150	0.150	11/01/2024	ND	7.52	125	6.00	7.29	
Total BTEX	<0.300	0.300	11/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/02/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	11/02/2024	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 12 0.5' (H246677-12)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2024	ND	2.23	112	2.00	1.89	
Toluene*	<0.050	0.050	11/01/2024	ND	2.42	121	2.00	4.54	
Ethylbenzene*	<0.050	0.050	11/01/2024	ND	2.51	126	2.00	6.61	
Total Xylenes*	<0.150	0.150	11/01/2024	ND	7.52	125	6.00	7.29	
Total BTEX	<0.300	0.300	11/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/02/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	11/02/2024	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: Sampling Type: Soil 11/04/2024

Project Name: **ROW 5 WEST SUB - STATION** Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558559 Tamara Oldaker

Project Location: XTO 32.1142303-103.9071374

Sample ID: SS 13 0.5' (H246677-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2024	ND	2.23	112	2.00	1.89	
Toluene*	<0.050	0.050	11/01/2024	ND	2.42	121	2.00	4.54	
Ethylbenzene*	<0.050	0.050	11/01/2024	ND	2.51	126	2.00	6.61	
Total Xylenes*	<0.150	0.150	11/01/2024	ND	7.52	125	6.00	7.29	
Total BTEX	<0.300	0.300	11/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2024	ND	198	99.1	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/02/2024	ND	200	100	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	11/02/2024	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Celeg D. Kreene



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/01/2024 Sampling Date: 10/31/2024

Reported: 11/04/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.1142303-103.9071374

mg/kg

Sample ID: SS 14 0.5' (H246677-14)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2024	ND	2.23	112	2.00	1.89	
Toluene*	<0.050	0.050	11/01/2024	ND	2.42	121	2.00	4.54	
Ethylbenzene*	<0.050	0.050	11/01/2024	ND	2.51	126	2.00	6.61	
Total Xylenes*	<0.150	0.150	11/01/2024	ND	7.52	125	6.00	7.29	
Total BTEX	<0.300	0.300	11/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/03/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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Celeg D. Kreene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	Ensolum, LLC			BILL TO	0	1		NA.	ANALYSIS DECLIEST
Project Manager: Ben Belille	er: Ben Belille			P.O. #:		4	4		The state of the s
Address: 3122	Address: 3122 National Parks Hwy	lwy		Company: XTO Energy Inc.	ergy Inc.				
city: Carisbad	ad	State: NM	Zip: 88220	Attn: Colton Brown	7		_		
Phone #: 302	208-604-0852	Fax #:		Address: 3104 E. (Greene St.		_	_	
Project #: 03C	03C1558559	Project Owner: XTO	r: XTO			- 1	_		
Project Name:	Row 5 West Sub-Station	ation		State: NM 7in: 88220	0000		_		
Project Location:	n: 32.1142303, -103.9071374	9071374		3	-		_		
Sampler Name:	3			T TOOLS IN			_		
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Lab I.D. HZ44477	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C) # CONTAINER GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER ACID/BASE CE/COOL COTHER:	JME	BTEX	TPH CHLORIDE		
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ampler - UPS - Bus - Other:		Carrenge Tame 'C C	Sample Condition Cool Miact Yes	1 0	Turnaround Time:	工		E CIE	Bacteria (only) Sample Condition Cool Intact Observed Temp. *C
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	Ensolum, LLC			1	- 1	- 1	- 1	- 1	_		П	Ш	2	1118	7		1	1						1	1	1	il		1			
Project Manager: Ben Belille						- 1	- 1			00	21		1	ı	1		1	1	1],	ANALYSIS	15	0	70	몵	٩	REQUEST	S	1	1	1	
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city: Carisbad	ď	State: NM	Zio	Zip: 88220	2	0				7 8	1 1	0 9	3	D :	Attn. Colton Brown	y inc.															_	
Phone #: 989-	989-854-0852	Fax #:				- 1				Ad	5	ib S	w	0	Address: 3104 E. Greene	ene St															_	
Project#: 03C1:	03C1558559	Project Owner: XTO	ž	ō						2	5	à'	25	city: Carlsbad			1														_	
Project Name:	Row 5 West Sub-Station	ation						ч	_	Sta	0	z	State: NM		Zin: 88220	0															_	
Project Location:	32.1142303, -103.9071374	9071374							_	2	Phone #		3		100																_	
Sampler Name: Azad Vojdani	Azad Vojdani									8	Fax #:	1															_		_		_	
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Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP	#CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	SLUDGE		OTHER	ACID/BASE	CE/COOL -	OTHER	-	DATE	TINE	BTEX	ТРН	CHLORIDE													
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November 26, 2024

BEN BELILL ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/22/24 12:06.

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

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

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

Accreditation applies to public drinking water matrices.

Wite Sough

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: BH 06 B 5' (H247176-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2024	ND	2.08	104	2.00	7.12	
Toluene*	<0.050	0.050	11/23/2024	ND	2.01	101	2.00	3.67	
Ethylbenzene*	<0.050	0.050	11/23/2024	ND	2.08	104	2.00	3.84	
Total Xylenes*	<0.150	0.150	11/23/2024	ND	6.24	104	6.00	3.26	
Total BTEX	<0.300	0.300	11/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/25/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2024	ND	205	103	200	3.25	
DRO >C10-C28*	31.5	10.0	11/23/2024	ND	192	96.0	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	11/23/2024	ND					
Surrogate: 1-Chlorooctane	110 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name				BILL TO	70	I			
Project Manager: 1300	ar. Ben 36/11			P.O. #:	-	1	-	ANALYSIS REQUEST	QUEST
Address: 3122	Address: 3122 National Parks Hwy			Company: XTO Energy	Energy Inc				
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown	8		_		
Phone #: 989	854	Fax #:		Address: 3104 E Green St	Green St		_		
Project #: 03	0301568559	Project Owner: XTO	er: XTO	City: Carlsbad	-				
Project Name: 2,000	Row 5 West	4	MON	State: NM 71					
Project Location:	32,142	0	17.03	3	CID: 00220				
Sampler Name: Joshua Boxley	Joshua Royley			Pritone #:					
Satisfact to distance	оозпра вохову			Fax #:			_		
A TWO BSD WAT WOL			MATRIX	PRESERV.	SAMPLING		_		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: CE/COOL OTHER:		Chlorides	X3T8 H9T		
	BH06 B	Ŋ	- # G W Ks	0 Ai X IC	DATE TIME	_	-		
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Relinquished By	Mr.	Time:	Received By:		Verbal Result: All Results are	uft: U are email	□ Yes □ No nailed. Please provi ensolum.com, TMo	Verbal Result: □ Yes □ No Add'i Phone #: All Results are emailed. Please provide Email address: □ Plant @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com	n, KThomason@er
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Sampler - UPS - Bus - Other		,	Cool Intact	on CHECKED BY:	Turnaround Time:	Time:	dard	Bacteria (only)	Bacteria (only) Sample Condition



November 26, 2024

BEN BELILL
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/22/24 12:06.

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

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

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

Wite Sough

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM BEN BELILL 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 11/22/2024 Sampling Date: 11/21/2024

Reported: 11/26/2024 Sampling Type: Soil

Project Name:ROW 5 WEST SUB - STATIONSampling Condition:Cool & IntactProject Number:03C1558559Sample Received By:Alyssa Parras

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: BH 08 B 6' (H247175-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2024	ND	2.08	104	2.00	7.12	
Toluene*	<0.050	0.050	11/23/2024	ND	2.01	101	2.00	3.67	
Ethylbenzene*	<0.050	0.050	11/23/2024	ND	2.08	104	2.00	3.84	
Total Xylenes*	<0.150	0.150	11/23/2024	ND	6.24	104	6.00	3.26	
Total BTEX	<0.300	0.300	11/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/25/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2024	ND	205	103	200	3.25	
DRO >C10-C28*	16.0	10.0	11/23/2024	ND	192	96.0	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	11/23/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(3/3) 393-2320 FAA (3/3) 393-24/0	V (2/2) 232-7-	10			١				-	
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO				ANALYSIS	YSIS REQUEST	ESI	1
Project Manager: [2017 [36/i]	12 12 11 12 11 12 11 11 12 11 11 11 12 11 11			P.O. #:							
Address: 3122 N	Address: 3122 National Parks Hwy			Company: XTO Energy Inc	Inc			_			
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown							
Phone #: 89 300 989	# 989 854 085 mx #:	₹ax #:		Address: 3104 E Green St	St			_			_
Project #: 030/558559	658,839	Project Owner: XTO	: ХТО	City: Carlsbad					_		
Project Name:	ROWS West	Sub-Station	>	State: NM Zip: 88220	0			_			_
Project Location	Project Location: 37, 142703	-105,9071374	1374	Phone #:	1			_			
Sampler Name: Joshua Boxley	Joshua Boxley			Fax #:					_		
FOR LAB USE ONLY			P. MATRIX	PRESERV. SAM	SAMPLING						
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorides	HdT	X∃T8				
	BHSB	6	~	,	X	X	X				A
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	Onding to link like and of	ante avaluates remedy for	any claim arising whether based in contr	act or tort, shall be limited to the amount pa	id by the client for the	t					
PLEASE NOTE: Liability an analyses. All claims includir service. In no event shall Ca	d Damages, Cardinal's liability and cir ig those for negligence and any other ardinal be liable for incidental or conse	cause whatsoever shall be quental damages, include	deemed waived unless made in writing g without limitation, business interruption g without imitation, business interruption.	PLEASE NOTE: Liability and Diamages. Cardinat's liability and client's exclusive territory or any usual ensury wherein below to receive by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including whose for negligence and any other cause whatsoever shall be deemed waived unless made interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service, in no event shall Cardinal be liable for incidental or consequential damages, including without inhaltion, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries in the profits of use, or loss of profits incurred by client, its subsidiaries.	er completion of the application, its subsidiaries, sasons or otherwise.	icable					
Relinquished By:	ed By:	Date:	Re		Verbal Result: All Results are	emaile	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	Add'l P	☐ Yes ☐ No │Add'I Phone #: emailed. Please provide Email address: @parcelum.com TMorrissev@ensolum.com KThomason@ensolum.com	KThomason@en	solum.com
N	Non	1.900	Commo		11/2/112	0			(
Relinquished By:	/2	Date: Time:	Received By:		REMARKS: APP 2 Incident: WAPP 2 Cost Center: 10 %	1021	1711001	8			
Delivered By: (Circle One)		Observed Temp. °C	Sample Condition	dition CHECKED BY:	Turnaround Time: Standard	me:	Standard		Bacteria (only) S Cool Intact	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	ີດ
Sampler - UPS - Bus - Other:		Corrected Temp. °C			Thermometer ID	15.00 A	201.C		0 0	Corrected Temp. °C	c°



November 26, 2024

BEN BELILL ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: ROW 5 WEST SUB - STATION

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Reported: 11/26/2024 Sampling Type: Soil

Project Name: ROW 5 WEST SUB - STATION Sampling Condition: Cool & Intact
Project Number: 03C1558559 Sample Received By: Alyssa Parras

Applyand By 14

Project Location: XTO 32.1142303-103.9071374

Sample ID: BH 08 C 9' (H247174-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

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

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Company Name	Company Name: Ensolum, LLC			BILL TO			ANALYSIS REQUEST	JEST	
Project Manager:	- B. B.			P.O. #:					
Address: 3122 I	Address: 3122 National Parks Hwy			Company: XTO Energy Inc	gy Inc	_			
City: Carlsbad		State; NM	Zip: 88220	Attn: Colton Brown		_			
Phone #: 969 854	2590 119	Fax非		Address: 3104 E Green St	en St	_			
Project #: D3C	CAN	Project Owner: XTO	r: XTO	City: Carlsbad		_			
Project Name:	ROW 5 W	Just Sula-Harrian	non	State: NM Zip: 88220	20	_			
Project Location:	32.1142303	1	1574						
Sampler Name:	Sampler Name: Joshua Boxley			Fax #:					
ATMO 350 BYT BOA			MATRIX	SERV.	SAMPLING				
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorides	X3T8 H9T			
-	BHOSC	-0	X	X	53	XX			H
						+	1	1	
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Relinquished By:	By: WB	Date:	Received By:		Verbal Result:	☐ Yes ☐ No nailed, Please pro	Verbal Result:	XThomason@ensolim.c	
Relinquished By:	3	Date:	Received By:		7	2428759	168		
Delivered By: (Circle One) Sampler - UPS - Bus - Other-	rcie One) Bus - Other:	2. 23. cery received	Sample Condition Cool Intact Cool Intact Cool Intact	CH	3	Standard Rush	-80	Bacteria (only) Sample Condition Cool Intact Observed Temp. "C	
		PROPERTY AND IN	,	160 P	Ť,	84000°	No.	Corrected Temp, "C	

Released to Imaging: 8/21/2025 2:4400 PM

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 416412

QUESTIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

Prerequisites	
Incident ID (n#)	nAPP2428259758
Incident Name	NAPP2428259758 ROW 5 WEST BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Row 5 West Booster Station
Date Release Discovered	10/08/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 187 BBL Recovered: 0 BBL Lost: 187 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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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 416412

QUESTI	ONS (continued)
Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	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)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
nitial Response	
The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Colton Brown
I hereby agree and sign off to the above statement	Title: Environmental Advisor
Thorough agree and sign on to the above statement	Email: colton.s.brown@exxonmobil.com
	Date: 01/02/2025

Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 416412

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the	ne appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination a	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milli	grams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	4880
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5498
GRO+DRO (EPA SW-846 Method 8015M)	4910
BTEX (EPA SW-846 Method 8021B or 8260B)	2.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	02/27/2025
On what date will (or did) the final sampling or liner inspection occur	04/28/2025
On what date will (or was) the remediation complete(d)	04/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	72456
What is the estimated volume (in cubic yards) that will be reclaimed	10734
What is the estimated surface area (in square feet) that will be remediated	72456
What is the estimated volume (in cubic yards) that will be remediated	10734
These estimated dates and measurements are recognized to be the best guess or calculation at the	time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 416412

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations

Name: Colton Brown Title: Environmental Advisor I hereby agree and sign off to the above statement Email: colton.s.brown@exxonmobil.com Date: 01/02/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 416412

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 416412

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

Sampling Event Information	
Last sampling notification (C-141N) recorded	402949
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/22/2024
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	4000

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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 416412

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	416412
	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. The variance request to collect floor samples every 400 ft2 is approved. 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	1/6/2025

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QUESTIONS

Action 482332

QUESTIONS

ı	Operator:	OGRID:
ı	XTO ENERGY, INC	5380
ı	6401 Holiday Hill Road	Action Number:
ı	Midland, TX 79707	482332
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2428259758
Incident Name	NAPP2428259758 ROW 5 WEST BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ROW 5 WEST BOOSTER STATION
Date Release Discovered	10/08/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 187 BBL Recovered: 0 BBL Lost: 187 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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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 482332

QUESTI	ONS (continued)
Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380 Action Number: 482332
,	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 01/02/2025

General Information Phone: (505) 629-6116

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 482332

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	482332
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination a	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	4880	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5498	
GRO+DRO (EPA SW-846 Method 8015M)	4910	
BTEX (EPA SW-846 Method 8021B or 8260B)	2.5	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	02/27/2025	
On what date will (or did) the final sampling or liner inspection occur	04/28/2025	
On what date will (or was) the remediation complete(d)	04/28/2025	
What is the estimated surface area (in square feet) that will be reclaimed	72456	
What is the estimated volume (in cubic yards) that will be reclaimed	10734	
What is the estimated surface area (in square feet) that will be remediated	72456	
What is the estimated volume (in cubic yards) that will be remediated	10734	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 482332

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	482332
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Yes	
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
Not answered.	
No	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Ashley Mcafee Email: ashley.a.mcafee@exxonmobil.com Date: 07/07/2025
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 482332

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	482332
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 482332

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	482332
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	467167
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/29/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	400

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	81740
What was the total volume (cubic yards) remediated	7060
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	81740
What was the total volume (in cubic yards) reclaimed	7060
Summarize any additional remediation activities not included by answers (above)	Excavation activities were conducted at the Site as indicated in the Work Plan to address the October 8, 2024, release of produced water. A copy of the approved Work Plan is presented in Appendix E. Labora-tory analytical results for all confirmation soil samples collected from the final excavation extent indicate COC concentrations were compliant with the Closure Criteria and reclamation requirements. Based on the soil sample laboratory analytical results, no further remediation is required. The excavation will be backfilled with material purchased locally and the Site will be recontoured to match pre-existing site con-ditions. Excavation of soil has mitigated impacts exceeding the Closure Criteria at the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number NAPP2428259758.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents o final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ashley Mcafee Email: ashley.a.mcafee@exxonmobil.com
	Date: 07/07/2025

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QUESTIONS, Page 7

Action 482332

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	482332
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 482332

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	482332
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	8/21/2025
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/21/2025