ENSOLUM

June 11, 2025

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

Re: Deferral Request
PLU 23 Dog Town Draw CVB
Incident Numbers NAPP2402531559 & NAPP2402633992
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Deferral Request* to document excavation and soil sampling activities performed at the PLU 23 Dog Town Draw CVB (Site). The purpose of the excavation and soil sampling activities, conducted in accordance with an approved *Remediation Work Plan* (*Work Plan*), was to address impacts to soil resulting from two releases of crude oil and vented natural gas at the Site. XTO is submitting this *Deferral Request*, describing excavation activities that have occurred and requesting deferral of final remediation for Incident Numbers NAPP2402531559 and NAPP2402633992 until the Site is reconstructed, and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit O, Section 14, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.21345°, -103.85032°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 14, 2024, a valve froze resulting in the release of 135 barrels (bbls) of crude oil onto the surface of the well pad and into the adjacent pasture. Additionally, 261 thousand cubic feet (Mcf) of vented natural gas was released into the atmosphere. A vacuum truck was dispatched to the Site to recover free standing fluids, and approximately 101 bbls of released fluids were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) and submitted an Initial C-141 Application (C-141) on January 25, 2024. The release was assigned Incident Number NAPP2402531559.

On January 15, 2024, another valve froze resulting in the release of 35 bbls of crude oil onto the surface of the well pad and into the adjacent pasture and 68 Mcf of vented natural gas was released into the atmosphere. A vacuum truck was dispatched to the Site to recover free standing fluids, and approximately 25 bbls of released fluids were recovered. XTO reported the release to the NMOCD and submitted a C-141 on January 26, 2024. The release was assigned Incident Number NAPP2402633992.

Ensolum conducted delineation and confirmation soil sampling activities within and around the release extent and the results were presented in the *Work Plan* submitted to the NMOCD on July 16, 2024. The *Work Plan* proposed excavation of an estimated 2,000 cubic yards of impacted soil and confirmation soil sampling. The *Work Plan* was approved by the NMOCD on August 5, 2024, with conditions listed below:

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All samples must be analyzed for all constituents listed in Table 1 of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet Closure Criteria standards from Table 1 of the OCD Spill Rule for Site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. The release area will need confirmation sidewall samples representing no more than 200 square feet. Floor confirmation samples will need to be collected at the Approved Variance Request of no more than 400 square feet. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. Work will need to occur in the 90 days after the report has been reviewed.

Following approval of the *Work Plan*, land access permitting and excavation activities were warranted.

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
- Total petroleum hydrocarbons (TPH) – gasoline range organics (GRO) and TPH – diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

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

DELINEATION AND EXCAVATION SOIL SAMPLING ACTIVITIES

Ensolum personnel returned to the Site between October 21 and December 12, 2024, to oversee additional delineation and excavation activities in accordance with the approved *Work Plan*. Delineation pothole PH03 was reassessed to establish vertical definition of the release extent in that area. Pothole PH03 was continued from 8.5 feet below ground surface (bgs) to a total depth of 9 feet bgs utilizing a trackhoe. One discrete soil sample was collected at the terminus depth of PH03. Ensolum returned to the Site on April 1, 2025 to establish lateral definition of the area of PH03. Pothole PH04 was continued from 7 feet bgs to a total depth of 8.5 feet bgs. Two additional potholes (PH10 and PH11) were advanced to a total depth of 8.5 feet bgs. Soil was field screened from depths ranging from 0.5 feet to 8.5 feet bgs. Discrete soil samples were collected in PH10 and PH11 at depths ranging from 0.5 feet to 8.5 feet bgs. In addition, delineation soil samples SS07 through SS10, were collected from a depth of 0.5 feet bgs to fully define the lateral extent of the release in areas where heavy equipment could not access due to active production equipment. All delineation soil samples collected were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Photographic documentation of the delineation activities is

presented on a Photographic Log in Appendix A. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Appendix B.

The delineation 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) located 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.

Impacted and waste containing soil was excavated from the release area as indicated by delineation soil sample laboratory analytical results. Excavation activities were performed using a trackhoe, hydro-vacuum truck, and transport vehicles. The excavation occurred on the well pad, near active production equipment and surface lines, and into a pasture area located in the western area of the release. To direct excavation activities, Ensolum personnel screened soil for VOCs and chloride as described above.

Following removal of impacted soil to the maximum extent practicable (MEP), Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewalls and no more than 400 square feet from the floor of the excavation, in accordance with the approved variance requested in the *Work Plan*. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Excavation soil samples FS20 through FS70 were collected from the floor of the excavation at depths ranging from 0.5 feet to 4 feet bgs. Excavation sidewall soil samples SW01 through SW17 were collected from the sidewalls of the excavation at depths ranging from ground surface to 4 feet bgs. Confirmation soil samples CS01 and CS02 were collected on the surface of the pad and within the release area at approximately 0.5 feet bgs. The final excavation extent and excavation soil sample locations are presented on Figure 2. Photographic documentation of the excavation activities is presented on a Photographic Log in Appendix A.

Confirmation soil sample FS57, collected at 1-foot bgs on November 7, 2024, indicated elevated TPH concentrations of 121 mg/kg, which is below the Closure Criteria but exceeds reclamation requirement. The area was resampled on November 15, 2024 at a depth of 1-foot bgs, and analytical results indicated all COC concentrations were below Closure Criteria and reclamation requirement.

The final excavation extent measured a total of approximately 20,340 square feet. A total of approximately 1,620 cubic yards of impacted and waste containing soil was removed during excavation activities and was properly disposed at the R360 Halfway Disposal and Landfill Facility in Hobbs, New Mexico. Soil disposal manifests are included in appendix C.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all lateral delineation soil samples collected outside the release extent area indicated all COC concentrations were below the strictest Table I Closure Criteria, and thus, provide full lateral definition of the release. All analytical results for delineation soil samples provided on the *Work Plan* where soil impacts were present, were removed during excavation activities except for PH03 at 8.5 feet bgs. This delineation soil sample could not be removed due to its proximity to active production equipment and surface pipelines. If removed, the excavated area would potentially undermine the stability of the nearby production equipment, causing health and safety concerns for onsite personnel. Delineation soil sample PH03, collected at 9 feet bgs, indicated soil concentrations below the strictest Table I Closure Criteria, providing vertical definition in that area. Laboratory analytical results for

delineation soil samples PH10 and PH11 indicated all COC concentrations below strictest Table I Closure Criteria at depths ranging from 0.5 to 8.5 feet bgs. Analytical results for delineation soil samples collected at the terminal depths of all other potholes advanced provide full vertical definition of the release.

Laboratory analytical results for confirmation soil samples that were presented in the *Work Plan* indicated soil concentrations exceeding reclamation requirement (FS01 through FS09, FS11 through FS13, FS15, FS16, FS18, and FS19), were removed by excavation activities and confirmation soil samples were subsequently collected and were in compliance with the reclamation requirement in the pasture area. Analytical results for SW06 and SW14 indicated GRO+DRO and/or total TPH concentrations exceeded Closure Criteria but the soil samples collected in these areas were immediately adjacent to active production equipment to where the excavation could not be extended any further. Analytical results for SW10 and SW11 indicated elevated TPH concentrations that were in compliance with Closure Criteria but not within reclamation requirements, indicating the presence of waste-containing soil. All other confirmation soil samples collected indicated COC concentrations were below the most stringent Table I Closure Criteria. Laboratory analytical results are summarized on Table 1, and the complete laboratory analytical reports are included in Appendix D.

DEFERRAL REQUEST

XTO is requesting deferral of final remediation due to active production equipment and process piping present in the areas of PH03, SW06, and SW14. Excavation activities were conducted at the Site as proposed in the *Work Plan.* The approved *Work Plan* is included in Appendix E. The Requested Area of Deferral, as depicted on Figure 3, is defined by impacted soil that remains in the release extent where production equipment and surface pipelines exist. The impacted soil identified in the areas of PH03, SW06, and SW14 contains GRO+DRO and/or total TPH concentrations that exceed Closure Criteria. Lateral delineation of the residual impacted soil is defined by the confirmation soil samples CS01, SW01, SW05, SW08, SW09, SW11, SW15, and delineation soil samples SS08, SS09, and SS10. Vertical delineation of residual impacted soil is defined by PH03 at 9 feet bgs, and potholes adjacent to the deferral areas that include PH02 at 9 feet bgs, PH05 at 3 feet bgs, and PH09 at 2 feet bgs. The estimated area of impacted soil measures approximately 4,080 square feet and a total of 500 cubic yards of impacted soil remains in place.

Waste-containing soil remains in the areas of SW08, SW11, and SW15 and are immediately adjacent to active production equipment and surface pipelines. Areas indicating the presence of waste-containing soil are presented on Figure 3 and are defined by confirmation soil samples CS01, SW05, SW08, SW11, and SW15, and delineation soil samples PH02 (9 feet bgs), PH03 (9 feet bgs), PH05 (3 feet bgs), PH09 (2 feet bgs), SS08, and SS09. The estimated area of waste-containing soil measures approximately 3,220 square feet and a total of approximately 180 cubic yards of waste-containing soil remains in place. The estimated area of remaining impacted soil, waste-containing soil, and referenced soil sample locations are presented on Figure 3. XTO is requesting deferral of final remediation in this area since excavation of the impacted soil would require major facility deconstruction.

XTO does not believe deferment of the remaining 500 cubic yards of impacted soil will result in imminent risk to human health, the environment, or groundwater and the impacted soil remaining in place is limited in area and vertical extent. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. Based on the presence of active production equipment and surface pipelines within the release area and the complete lateral and vertical definition of impacted soil remaining in place, XTO requests deferral of final remediation for Incident Numbers NAPP2402531559 and NAPP2402633992 until final reclamation of the well pad or major construction, whichever comes first.

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

Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

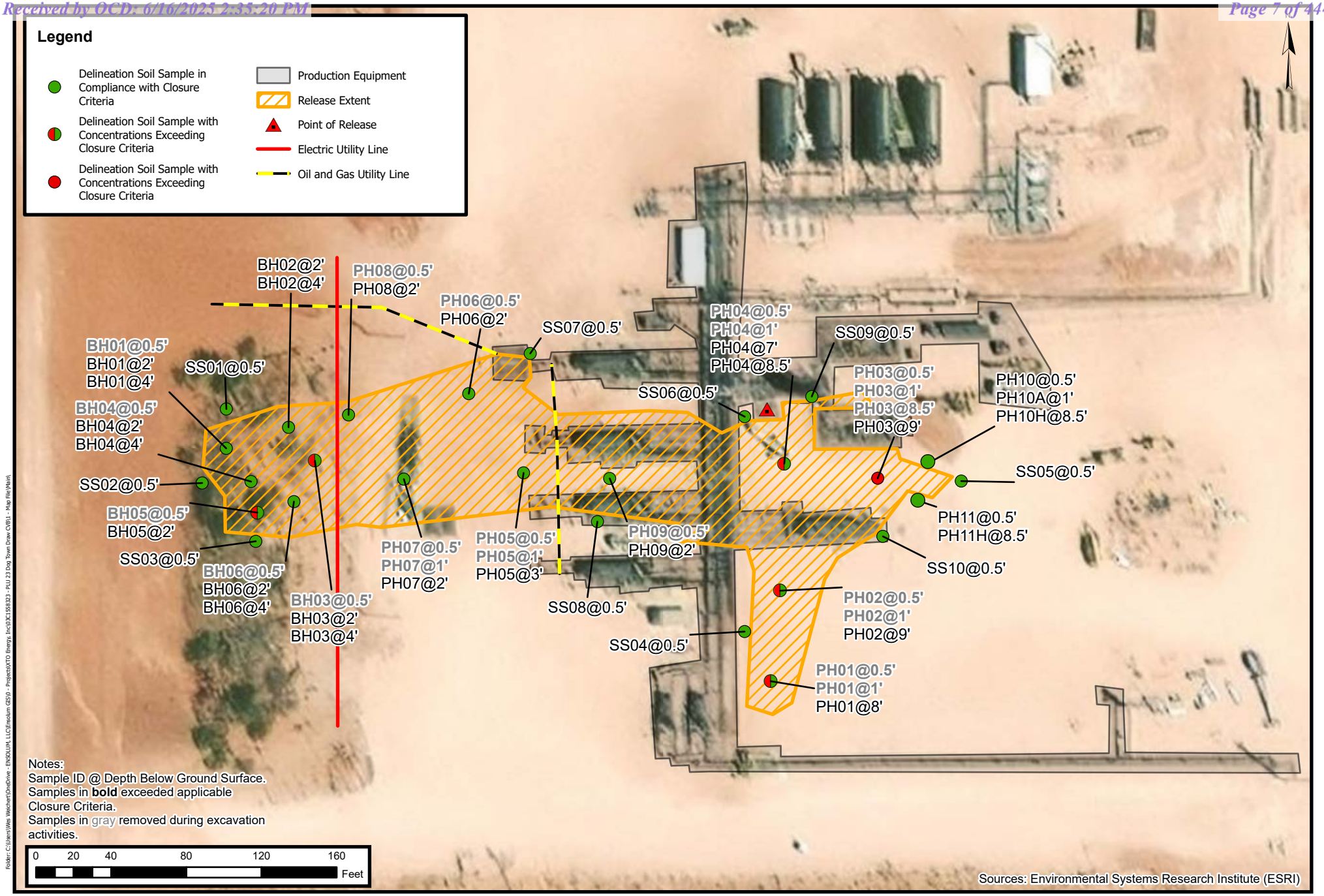
cc: Colton Brown, XTO
Kaylan Dirkx, XTO
BLM

Appendices:

Figure 1	Delineation Soil Sample Locations
Figure 2	Confirmation Soil Sample Locations
Figure 3	Requested Area of Deferral
Table 1	Soil Sample Analytical Results
Appendix A	Photographic Log
Appendix B	Lithologic/Soil Sampling Logs
Appendix C	Disposal Manifests
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	July 15th, 2024, *Remediation Work Plan*

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FIGURES

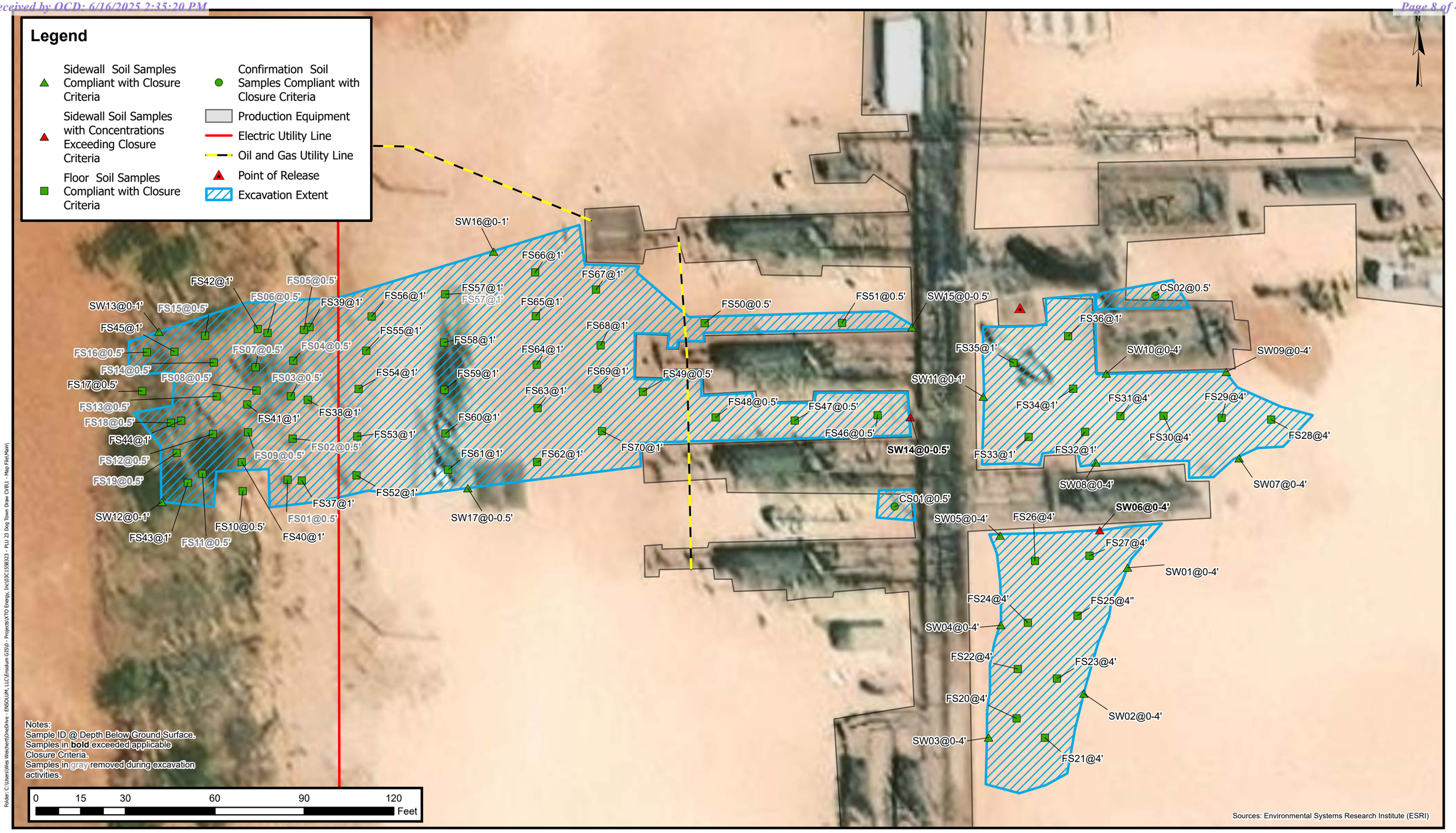


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Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Locations

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Number: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T 24S, R 30E
Eddy Co, New Mexico

FIGURE 1



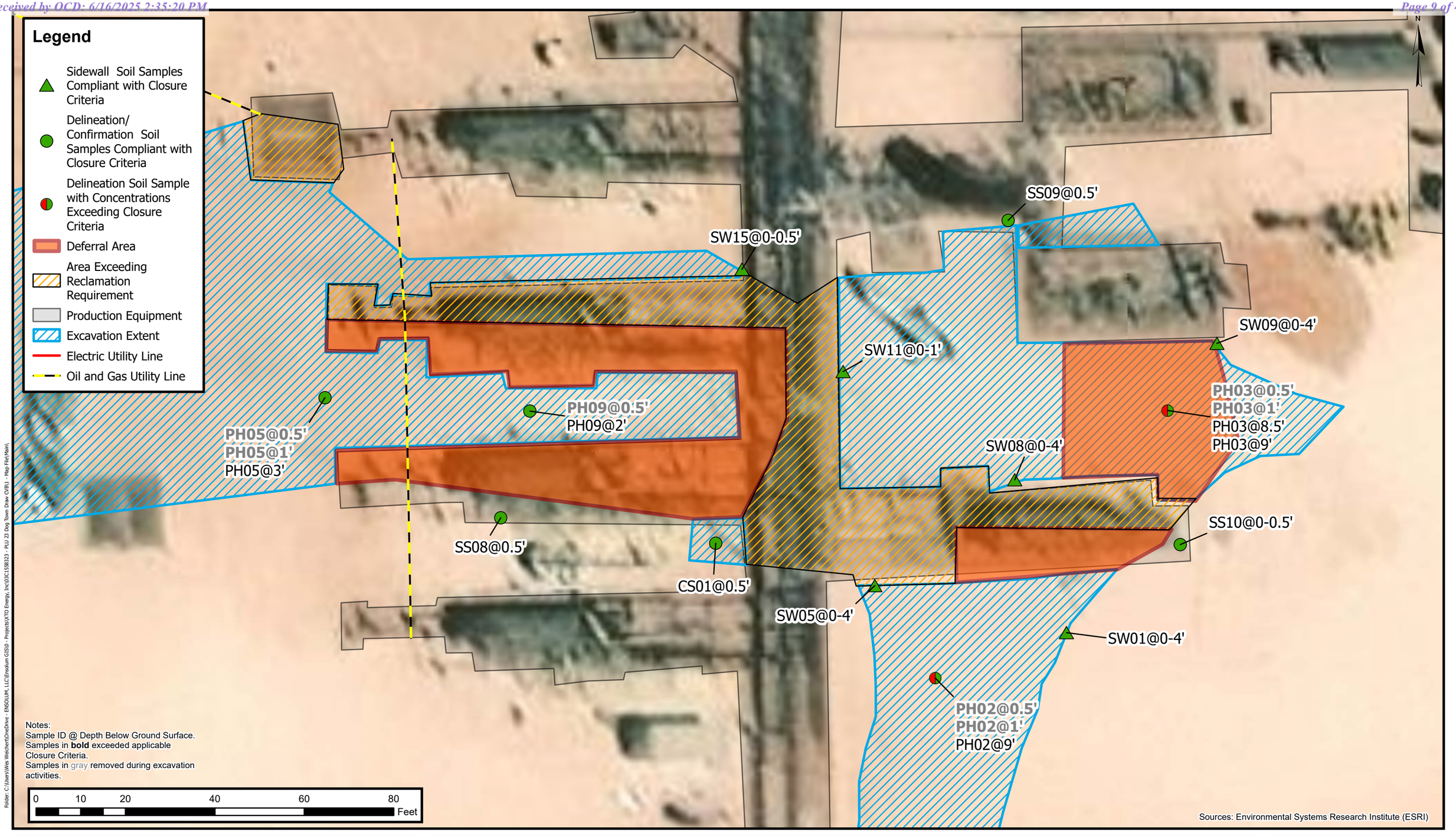
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Confirmation Soil Sample Locations

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Number: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T 24S, R 30E
Eddy Co, New Mexico

FIGURE 2



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Deferral Area Map

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Number: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T 24S, R 30E
Eddy Co, New Mexico

FIGURE 3

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	03/05/2024	0.5	<0.050	<0.300	<10.0	33.5	<10.0	33.5	33.5	32.0
SS03	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS05	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS06	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SS07	12/02/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS08	12/02/2024	0.5	<0.050	<0.300	<10.0	47.0	<10.0	47.0	47.0	272
SS09	12/02/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS10	12/02/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
~~PH01~~	~~03/27/2024~~	~~0.5~~	~~<1.00~~	~~**103**~~	~~2,610~~	~~20,400~~	~~2,860~~	~~**23,000**~~	~~**25,900**~~	~~80.0~~
~~PH01~~	~~03/27/2024~~	~~1~~	~~<5.00~~	~~**313**~~	~~6,420~~	~~12,100~~	~~1,500~~	~~**18,500**~~	~~**20,000**~~	~~64.0~~
PH01	03/27/2024	8	<0.050	<0.300	<10.0	35.3	<10.0	35.3	35.3	16.0
~~PH02~~	~~03/27/2024~~	~~0.5~~	~~<2.00~~	~~**148**~~	~~7,600~~	~~30,000~~	~~4,430~~	~~**37,600**~~	~~**42,000**~~	~~32.0~~
~~PH02~~	~~03/27/2024~~	~~1~~	~~7.28~~	~~**213**~~	~~5,320~~	~~8,200~~	~~1,040~~	~~**13,500**~~	~~**14,600**~~	~~16.0~~
PH02	03/27/2024	9	<0.050	<0.300	<10.0	59.5	13.3	59.5	72.8	<16.0
~~PH03~~	~~03/27/2024~~	~~0.5~~	~~<1.00~~	~~**111**~~	~~3,610~~	~~30,700~~	~~5,000~~	~~**34,300**~~	~~**39,300**~~	~~160~~
~~PH03~~	~~03/27/2024~~	~~1~~	~~1.92~~	~~**162**~~	~~3,420~~	~~7,350~~	~~930~~	~~**10,800**~~	~~**11,700**~~	~~48.0~~
PH03	03/27/2024	8.5	0.066	8.87	312	1,690	275	**2,002**	2,277	32.0
PH03	10/31/2024	9	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
~~PH04~~	~~03/27/2024~~	~~0.5~~	~~<5.00~~	~~**311**~~	~~7,980~~	~~19,000~~	~~2,420~~	~~**27,000**~~	~~**29,400**~~	~~48.0~~
~~PH04~~	~~03/27/2024~~	~~1~~	~~<0.050~~	~~32.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~32.0~~
PH04	03/27/2024	7	<0.050	0.384	22.2	322	40.0	344	384	16.0
PH04A	04/01/2025	8.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
~~PH05~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~32.0~~
~~PH05~~	~~03/27/2024~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~16.0~~
PH05	03/27/2024	3	<0.050	<0.300	<10.0	17.2	<10.0	17.2	17.2	48.0
~~PH06~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~41.9~~	~~<10.0~~	~~41.9~~	~~41.9~~	~~32.0~~
PH06	03/27/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

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TABLE 1
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PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~PH07~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~36.4~~	~~572~~	~~67.8~~	~~608~~	~~676~~	~~128~~
~~PH07~~	~~03/27/2024~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~62.4~~	~~<10.0~~	~~62.4~~	~~62.4~~	~~16.0~~
PH07	03/27/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
~~PH08~~	~~03/28/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~88.9~~	~~11.3~~	~~88.9~~	~~100~~	~~32.0~~
PH08	03/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
~~PH09~~	~~03/28/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~649~~	~~112~~	~~649~~	~~761~~	~~80.0~~
PH09	03/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
PH10	04/01/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
PH10A	04/01/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
PH10H	04/01/2025	8.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH11	04/01/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
PH11H	04/01/2025	8.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
~~BH01~~	~~05/09/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~16.0~~
BH01	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH01	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH02	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH02	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
~~BH03~~	~~05/09/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~289~~	~~34.1~~	~~289~~	~~**323**~~	~~80.0~~
BH03	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH03	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
~~BH04~~	~~05/09/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~34.1~~	~~<10.0~~	~~34~~	~~34~~	~~32.0~~
BH04	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH04	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
~~BH05~~	~~05/10/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~148~~	~~29.1~~	~~148~~	~~**177**~~	~~48.0~~
BH05	05/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
~~BH06~~	~~05/10/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~17.1~~	~~<10.0~~	~~17.1~~	~~17.1~~	~~32.0~~
BH06	05/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH06	05/10/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
Confirmation Soil Samples										
~~FS01~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~345~~	~~75.7~~	~~345~~	~~**421**~~	~~96.0~~

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~FS02~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~305~~	~~77.2~~	~~305~~	~~**382**~~	~~64.0~~
~~FS03~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~991~~	~~237~~	~~991~~	~~**1,230**~~	~~96.0~~
~~FS04~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~962~~	~~283~~	~~962~~	~~**1,250**~~	~~96.0~~
~~FS05~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~666~~	~~139~~	~~666~~	~~**805**~~	~~32.0~~
~~FS06~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~309~~	~~80.5~~	~~309~~	~~**390**~~	~~48.0~~
~~FS07~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~180~~	~~56.4~~	~~180~~	~~**236**~~	~~32.0~~
~~FS08~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~418~~	~~115~~	~~418~~	~~**533**~~	~~64.0~~
~~FS09~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~207~~	~~55.4~~	~~207~~	~~**262**~~	~~96.0~~
FS10	03/27/2024	0.5	<0.050	<0.300	<10.0	72.1	12.7	72.1	84.8	32.0
~~FS11~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~186~~	~~55.7~~	~~186~~	~~**242**~~	~~96.0~~
~~FS12~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~387~~	~~97.9~~	~~387~~	~~**485**~~	~~64.0~~
~~FS13~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~944~~	~~287~~	~~944~~	~~**1,230**~~	~~122~~
~~FS14~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~74.1~~	~~<10.0~~	~~74.1~~	~~74.1~~	~~32.0~~
~~FS15~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~122~~	~~<10.0~~	~~122~~	~~**122**~~	~~16.0~~
~~FS16~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~318~~	~~45.5~~	~~318~~	~~**364**~~	~~32.0~~
FS17	03/27/2024	0.5	<0.050	<0.300	<10.0	57.9	<10.0	57.9	57.9	32.0
~~FS18~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~294~~	~~40.2~~	~~294~~	~~**334**~~	~~64.0~~
~~FS19~~	~~03/27/2024~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~442~~	~~60.5~~	~~442~~	~~**503**~~	~~80.0~~
FS20	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS21	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS22	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS23	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS24	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS25	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS26	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS27	10/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS28	10/28/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS29	10/28/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS30	10/28/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS31	10/28/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS32	10/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS33	10/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS34	10/28/2024	1	<0.050	<0.300	<10.0	17.9	<10.0	17.9	17.9	<16.0
FS35	10/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS36	10/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS37	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS38	10/29/2024	1	<0.050	<0.300	<10.0	12.1	<10.0	12.1	12.1	48.0
FS39	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS40	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS41	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS42	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS43	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS44	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS45	10/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS46	11/06/2024	0.5	<0.050	<0.300	<10.0	20.6	<10.0	20.6	20.6	16.0
FS47	11/06/2024	0.5	<0.050	<0.300	<10.0	46.4	<10.0	46.4	46.4	16.0
FS48	11/04/2024	0.5	<0.050	<0.300	<10.0	52.8	<10.0	52.8	52.8	64.0
FS49	11/04/2024	0.5	<0.050	<0.300	<10.0	58.3	<10.0	58.3	58.3	96.0
FS50	11/04/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS51	11/04/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS52	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS53	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS54	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS55	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS56	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
~~FS57~~	~~11/07/2024~~	~~1~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~102~~	~~19.0~~	~~102~~	~~121~~	~~32.0~~
FS57	11/15/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS58	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS59	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS60	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS61	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS62	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS63	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS64	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS65	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS66	11/07/2024	1	<0.050	<0.300	<10.0	15.4	<10.0	15.4	15.4	112
FS67	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS68	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS69	11/07/2024	1	<0.050	<0.300	<10.0	21.5	<10.0	21.5	21.5	80.0
FS70	11/07/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW01	10/24/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW02	10/24/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW03	10/24/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW04	10/24/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW05	10/24/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW06	10/24/2024	0-4	<0.050	7.45	309	2,350	355	**2,659**	**3,014**	16.0
SW07	10/28/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW08	10/28/2024	0-4	<0.050	<0.300	<10.0	11.1	<10.0	11.1	11.1	16.0
SW09	10/28/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW10	10/28/2024	0-4	<0.050	<0.300	<10.0	620	99.8	620	719	32.0
SW11	10/28/2024	0-1	<0.050	<0.300	21.7	457	66.1	479	545	64.0
SW12	10/29/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW13	10/29/2024	0-1	<0.050	<0.300	<10.0	15.6	15.6	15.6	<10.0	16.0
SW14	11/06/2024	0-0.5	<0.050	<0.300	<10.0	1,860.0	345.0	**1,860**	2,205	160
SW15	11/04/2024	0-0.5	<0.050	<0.300	<10.0	12.8	12.8	12.8	<10.0	96.0
SW16	11/07/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW17	11/07/2024	0-1	<0.050	<0.300	<10.0	79.7	<10.0	79.7	79.7	112

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
BF01	11/04/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS01	12/02/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS02	12/02/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0

Notes:

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

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APPENDIX A

Photographic Log

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Photographic Log
XTO Energy, Inc.
PLU 23 Dog Town Draw CVB
NAPP2402531559 & NAPP2402633992



Photograph: 1 Date: 10/22/2024
Description: Excavation activities
View: Northeast



Photograph: 2 Date: 10/28/2024
Description: Excavation (Area of FS29 / PH03)
View: West



Photograph: 3 Date: 11/1/2024
Description: SW01-SW03, FS20-FS27, PH02
View: West



Photograph: 4 Date: 5/30/2024
Description: Excavation view from FS57
View: Southwest

ENSOLUM

Photographic Log
XTO Energy, Inc.
PLU 23 Dog Town Draw CVB
NAPP2402531559 & NAPP2402633992



Photograph: 1 Date:11/7/2024
Description: Backfill activities near CS02; FS28 - FS36
View: Southeast



Photograph: 2 Date: 11/7/2024
Description: Backfill near SW01- SW03; FS20 - FS27
View: Southeast



Photograph: 3 Date: 12/2/2024
Description: Backfill activities near SW16, FS 57
View: Southeast



Photograph: 4 Date: 4/1/2025
Description: Delineation activities near PH11
View: West

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APPENDIX B

Lithologic/Soil Sampling Log

ENSOLUM

	Sample Name:PH04	Date: 4/1/2025
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213427, -103.850459	Hole Diameter:24"	Total Depth: 8.5'

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

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	919.8	N	PH04	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<168	68.7	N	PH04	1	1	SP-SM	(1-7') SAND, brown, poorly graded, little silt with odor, no staining
Dry	<168	335.1	N		2	2		
Dry	<168	330.8	N		3	3		
Dry	<168	330.5	N		4	4		
Dry	<168	236.8	N		5	5		
Dry	<168	101.4	N		6	6		
Dry	<168	86.7	N	PH04	7	7		
Dry	<162	0.8	N	PH04A	8.5	8.5		(8.5') Fine to VF grained, light grey sandstone with some minor clay inclusions

Total Depth @ 8.5 feet bgs

ENSOLUM

	Sample Name:PH10	Date: 4/1/2025
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JR	Method: Trackhoe
Coordinates: 32.2134296, -103.8502305	Hole Diameter:24"	Total Depth: 8.5'

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

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	515	1.4	N	PH10	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<162	1.3	N	PH10A	1	1	SP-SM	(1-7') Fine - VF grained, red brown - brown, poorly graded, silty - clayey sand
Dry	<162	1.5	N	PH10B	2	2		
Dry	<162	1.3	N	PH10C	3	3		
Dry	<162	0.9	N	PH10D	4	4		
Dry	<162	1.7	N	PH10E	5	5		
Dry	<162	1.3	N	PH10F	6	6		
Dry	<162	1.1	N	PH10G	7	7		
Dry	<162	1.6	N	PH10H	8.5	8.5		(8.5') Fine to VF grained, light grey sandstone with some minor clay inclusions

Total Depth @ 8.5 feet bgs

ENSOLUM

	Sample Name:PH11	Date: 4/1/2025
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JR	Method: Trackhoe
Coordinates: 32.213450, -103.850320	Hole Diameter:24"	Total Depth: 8.5'

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

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	1.0	N	PH11	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<162	0.7	N	PH11A	1	1	SP-SM	(1-7') Fine - VF grained, red brown - brown, poorly graded, silty - clayey sand
Dry	<162	0.6	N	PH11B	2	2		
Dry	<162	0.7	N	PH11C	3	3		
Dry	<162	1.2	N	PH11D	4	4		
Dry	<162	0.7	N	PH11E	5	5		
Dry	<162	0.7	N	PH11F	6	6		
Dry	<162	1.0	N	PH11G	7	7		
Dry	<162	1.2	N	PH11H	8.5	8.5		(8.5') Fine to VF grained, light grey sandstone with some minor clay inclusions

Total Depth @ 8.5 feet bgs

ENSOLUM

APPENDIX C

Disposal Manifests

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 575 748 4489

GENERATOR

NO. HW- 710905

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

Location of Origin
Lease/Well Name & No. PLU 23 DTD CUC
County _____
API No. _____
Rig Name & No. N/A
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below) _____

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

_____ (PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE

TRANSPORTER

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

Driver's Name Kevin R Forbes
Print Name _____
Phone No. _____
Truck No. T-34 DD-03

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

_____ SHIPMENT DATE _____ DRIVER'S SIGNATURE 12-23-24 DELIVERY DATE _____ DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 8

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

_____ NAME (PRINT) 10/3 DATE _____ TITLE _____ SIGNATURE

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Reta
Phone No. [redacted]

GENERATOR

NO. HW- 711375

Generator Manifest # _____
Location of Origin Lease/Well Name & No. PLU 23 DTD CVB
Generator Name XTO
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name HALO
Address _____
Phone No. _____
Transporter Ticket # _____
Driver's Name Kevin R Fortunes
Print Name _____
Phone No. [redacted]
Truck No. [redacted]

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.23.24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. _____

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kal Ruiz
Phone No.

GENERATOR

NO. HW- 710858

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

Location of Origin
Lease/Well Name & No. PW23 DTD CVB
County
API No.
Rig Name & No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

DISPOSAL QUANTITY B - BARRELS L - LIQUID 200 Y - YARDS E - EACH

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No. T-4

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

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 10/23/24 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. 2E

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE 10/23/24 | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711089

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

Location of Origin Lease/Well Name & No. HU-23 DID
County CR
API No.
Rig Name & No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 78

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Rat
Phone No. 575988 9481

GENERATOR

NO. HW- 710857

Generator Manifest # _____
Location of Origin Lease/Well Name & No. PLU 23 DTD CVB
Generator Name XTO
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____
Driver's Name John Vasquez
Print Name _____
Phone No. _____
Truck No. T-49

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/23/24 DRIVER'S SIGNATURE John Va

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. _____

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 988 41489

GENERATOR

NO. HW- 711386

Generator Manifest # _____
Location of Origin Lease/Well: PLU 25 BTD CVB
Generator Name: XTO
Name & No. _____
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

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

Oil Based Muds		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings		Washout Water (Non-Injectable)			
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)			
Water Based Cuttings		Produced Water (Non-Injectable)			
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)			
Tank Bottoms		INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
E&P Contaminated Soil	2	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____
Driver's Name: John Vasquez
Print Name _____
Phone No. _____
Truck No. T-49

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/23/24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. _____

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kyle Ketch
Phone No. 575 988 4459

GENERATOR

NO. HW- 710809

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

Location of Origin Lease/Well Name & No. Baker Lake Unit 23 TD CTB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. 2210251001

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name John Vasquez
Print Name _____
Phone No. _____
Truck No. T-41

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10-23-24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 28

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10-23-24 TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Ken + Ret 2
Phone No. 575 918 4409

GENERATOR

NO. HW- 711382

Generator Manifest # XTO
Location of Origin Lease/Well Name & No. XTO PLU 23 D+D CVB cc 2210251001
Generator Name
Address
County
API No.
City, State, Zip
Rig Name & No.
Phone No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-23-24 DATE | Arturo Zavala SIGNATURE

TRANSPORTER

Transporter's Name Two Nation
Address 231 Violet St
Phone No. 575 706 5938
Transporter Ticket #
Driver's Name Arturo Zavala
Print Name
Phone No.
Truck No. Belly HL-1

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

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

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. PI

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Reitz
Phone No. 575 513 44

GENERATOR

NO. HW- 711383

Generator Manifest # 470
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Name & No. 470 PLU 23 D T D CVB P1 CC 22 26 25 1001
County
API No.
Rig Name & No.
AFE/PO No.

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

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	Belly - L-1
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	1	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name Two Nation
Address ~~Fort~~ Mert 230 Violet St
Phone No. 575 706 [illegible]
Transporter Ticket #

Driver's Name Arturo Zavala
Print Name
Phone No.
Truck No. Belly # L-1

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

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 10-23-24 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 2c

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name David Byrd
Phone No. 575-513-5673

GENERATOR

NO. HW- 710946

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

Location of Origin Lease/Well Name & No. POKER LAKE UNIT 41 PA 20240835-EXP.01
County
API No.
Rig Name & No.
AFE/PO No.

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

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	Belly - L-1
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	1	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 210 E - EACH

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-23-24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name TWO Nation
Address 2315 Vine St
Phone No. 575-706-9743
Transporter Ticket #

Driver's Name Arturo Zelvaid
Print Name
Phone No.
Truck No. Belly #L-1

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

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

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 20

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Keith +2
Phone No. 575-988-4459

GENERATOR

NO. HW- 711165

Generator Manifest # _____
Location of Origin Lease/Well: PLU 23 DTD CUB
Generator Name: X1
Name & No. _____
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-23-24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name: Lucas Enviro
Address _____
Phone No. _____
Transporter Ticket # _____
Driver's Name: Ulises Verdugo
Print Name _____
Phone No. _____
Truck No. 17

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

SHIPMENT DATE | DRIVER'S SIGNATURE | 10/23/24 DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 7

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- BOP ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711405

Generator Manifest #
Location of Origin Lease/Well Name & No. Fl 23 Pit Cut
Generator Name
Address
County
API No.
City, State, Zip
Rig Name & No.
Phone No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-23-24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name two nations
Address
Phone No.
Transporter Ticket #
Driver's Name Ulises Verdugo
Print Name
Phone No.
Truck No. L-2

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

SHIPMENT DATE | DRIVER'S SIGNATURE | 10-23-24 DELIVERY DATE | Ulises DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 28

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | 10-23-24 DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name David Byrd
Phone No. 575-988-5075

GENERATOR

NO. HW- 710945

Generator Manifest # XTO

Generator Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Name & No. Cutter Lake Unit 4H
PA 2024 02325, Ext. 01
County
API No.
Rig Name & No.
AFE/PO No.

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

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	Belly L-2
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-23-24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name: TWO Nuttons
Address: 231 Violet St
Phone No.: 575 706 9147
Transporter Ticket #

Driver's Name: Ulises Verdugo
Print Name
Phone No.
Truck No.: Belly L-2

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

SHIPMENT DATE | DRIVER'S SIGNATURE | 10/23 DELIVERY DATE | X Ulises DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | 10/23 DATE | TITLE | SIGNATURE

C-138

White- OCD ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711181

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 710954

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE 10/31/24 | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #
Driver's Name
Print Name
Phone No.
Truck No. 107

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

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 10/31/24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- OCD ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711180

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711385

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 710810

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) DATE TITLE SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711384

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name TWO NATIONS LLC
Address
Phone No.
Transporter Ticket #
Driver's Name
Print Name
Phone No.
Truck No.

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

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

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 2E

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

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NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kiel Hotz
Phone No.

GENERATOR

NO. HW- 710859

Generator Manifest # XTO

Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. Plu 23 DTD CVB
County
API No.
Rig Name & No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name H&S Services
Address
Phone No. Lewis
Transporter Ticket #

Driver's Name Jesse Cervantes
Print Name
Phone No.
Truck No. T-43 Belly dump

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

SHIPMENT DATE | DRIVER'S SIGNATURE | 6-24-24 DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 1-1

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 713121

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

Location of Origin Lease/Well Name & No. Plu 23 WTU CVB
County
API No.
Rig Name & No.
AFE/PO No.

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12-24-24 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. 2E

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
575 Phone No. 988 4489

GENERATOR

NO. HW- 710906

Generator Manifest # _____

Generator Name XTO

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin Lease/Well Name & No. PLU 23 DTD CUB

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name HALO SVC

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Kevin R Footlines

Print Name _____

Phone No. _____

Truck No. T46 BD 01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.24.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 2E

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

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

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

S Zinn NAME (PRINT) 10/24/24 DATE A-Zinn TITLE _____ SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name: Kent Retz
Phone No: 575 988 4489

GENERATOR

NO. HW- 710907

Generator Manifest # _____

Generator Name: XTO

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin Lease/Well Name & No.: PLU 23 DTD CVB

County _____

API No. _____

Rig Name & No.: N/A

AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: HALO

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name: Kevin R Tolman

Print Name _____

Phone No. _____

Truck No.: T-46 BDC

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.24.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. _____

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

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

Phone No.: **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kelly Reid
Phone No. 575-441-4719

GENERATOR

NO. HW- 711406

Generator Manifest # Xto

Location of Origin Lease/Well: PLU 23 D+D Cub

Generator Name

Name & No.

Address

County

API No.

City, State, Zip

Rig Name & No. W/A

Phone No.

AFE/PO No.

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

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		Belly #L1
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Water Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids		INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Tank Bottoms	1	Truck Washout (exempt waste)	YES NO	QUANTITY TOP SOIL CALICHE
E&P Contaminated Soil				
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-24-24 DATE | Arturo Zavala SIGNATURE

TRANSPORTER

Transporter's Name: JWB Nation

Address: 234 Violet St

Phone No.: 575-706-5438

Transporter Ticket #

Driver's Name: Arturo Zavala

Print Name

Phone No.

Truck No.: Belly #L-1

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

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

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No.

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

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

Phone No.: **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kelly Rich
Phone No. 575 703 4479

GENERATOR

NO. HW- 712327

Generator Manifest # Xto

Location of Origin Lease/Well: PLU 23 D+D CVB

Generator Name

Address

City, State, Zip

Phone No.

Name & No.

County

API No.

Rig Name & No.

AFE/PO No.

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

Oil Based Muds		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Belt L-1	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)			
Water Based Cuttings		Produced Water (Non-Injectable)			
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)			
Tank Bottoms	✓	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
E&P Contaminated Soil		Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

DISPOSAL QUANTITY B - BARRELS L - LIQUID (Y - YARDS 90) E - EACH

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | Arturo Zavala SIGNATURE

TRANSPORTER

Transporter's Name: TWB Marion

Address: 234 Violet St

Phone No.: 575 706 5435

Transporter Ticket #

Driver's Name: Arturo Zavala

Print Name

Phone No.

Truck No.: Belt D L-1

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

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

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 28

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

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

Phone No.: **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES (NO)

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | 10/24/24 DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kelly Pettis
Phone No. 5759178459

GENERATOR

NO. HW- 712323

Generator Manifest # XTO

Location of Origin Lease/Well Name & No. PLU 23 D+D CVB

Generator Name

Address

City, State, Zip

Phone No.

County

API No.

Rig Name & No.

AFE/PO No.

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

Oil Based Muds		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Belly #L1	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)			
Water Based Cuttings		Produced Water (Non-Injectable)			
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)			
Tank Bottoms	1	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
E&P Contaminated Soil		Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10-24-24 DATE | Arturo Zavala SIGNATURE

TRANSPORTER

Transporter's Name TWB Petroleum

Address 237 Violet St

Phone No. 5757065438

Transporter Ticket #

Driver's Name Arturo Zavala

Print Name

Phone No.

Truck No. Belly #L1

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

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

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 14

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

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

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | 10-24-24 DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Bel
Phone No. 575-441-4151

GENERATOR

NO. HW- 711164

Generator Manifest # _____

Location of Origin Lease/Well Name & No. FLU 23 DTD SUB

Generator Name XTO

Address _____

City, State, Zip _____

Phone No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE 11/24/24 SIGNATURE _____

TRANSPORTER

Transporter's Name TWO nations

Address 2313 Violet St

Phone No. 575-703-9148

Transporter Ticket # _____

Driver's Name Ulises Ventura

Print Name _____

Phone No. _____

Truck No. 80 L-02

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

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

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 1/1

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

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

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES ~~NO~~

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

PASS THE PAINT FILTER TEST? (Circle One) ~~YES~~ NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 11-24-24 TITLE _____ SIGNATURE _____

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Rel
Phone No. 575 [illegible] 4459

GENERATOR

NO. HW- 713186

Generator Manifest # _____
Location of Origin Lease/Well: PLU 23 D+P CUR

Generator Name: XTO
Name & No. _____
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

_____ (PRINT) AUTHORIZED AGENTS SIGNATURE
10/24/24 DATE
Ulises SIGNATURE

TRANSPORTER

Transporter's Name: two nations
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name: Ulises Verdejo
Print Name _____
Phone No. _____
Truck No. L-02

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

_____ SHIPMENT DATE
_____ DRIVER'S SIGNATURE
10/24/24 DELIVERY DATE
Ulises DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 1

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

_____ NAME (PRINT)
_____ DATE
_____ TITLE
_____ SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kell Rel
Phone No. 575 441 24

GENERATOR

NO. HW- 713082

Generator Manifest # _____

Location of Origin Lease/Well Name & No. DL 23 DID CUT

Generator Name XTO

Address _____

City, State, Zip _____

Phone No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE 10/24/24 SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Ulises Verdugo

Print Name _____

Phone No. _____

Truck No. L-02

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/24/24 DRIVER'S SIGNATURE Ulises

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 7E

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

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

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711182

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No. 5751384189

GENERATOR

NO. HW- 711183

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 10/24/24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

SHIPMENT DATE | DRIVER'S SIGNATURE | 10/24/24 DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 711184

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) DATE TITLE SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 713118

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) DATE TITLE SIGNATURE

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 713117

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Rete
Phone No. 575 599 4459

GENERATOR

NO. HW- 711423

Generator Manifest # _____
Location of Origin Lease/Well: PLU 23 TAD CVB
Generator Name: XTO
Name & No. _____
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. N/A
Phone No. _____
AFE/PO No. _____

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

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Water Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids				
Tank Bottoms				
E&P Contaminated Soil	X			
Gas Plant Waste				

INTERNAL USE ONLY			TOP SOIL & CALICHE SALES			
Truck Washout (exempt waste)	YES	NO	QUANTITY		TOP SOIL	CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

DISPOSAL QUANTITY B - BARRELS L - LIQUID 10 Y - YARDS (Roll Off) E - EACH

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below) _____

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: H&H Services
Address _____
Phone No. _____
Transporter Ticket # _____
Driver's Name: John Vasquez
Print Name _____
Phone No. _____
Truck No. T-49

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/25/24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. _____

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? 45

NAME (PRINT) _____ DATE 10/25/24 TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Reitz
Phone No. 5759884459

GENERATOR

NO. HW- 711422

Generator Manifest # _____
Location of Origin Lease/Well: PLU 25 DTD CVB
Generator Name: XTO
Name & No. _____
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: Halo Services
Address _____
Phone No. _____
Transporter Ticket # _____
Driver's Name: John Vasquez
Print Name _____
Phone No. _____
Truck No. T-49

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/25/24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 28

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10/25/24 TITLE _____ SIGNATURE _____

C-138

Original- [illegible] Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 575 988 4459

GENERATOR

NO. HW- 710908

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

Location of Origin Lease/Well Name & No. PLU 23 OTD CVB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Forlines
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.25.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 14

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10.25.24 TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Ketz
Phone No. 575 748 4459

GENERATOR

NO. HW- 713146

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

Location of Origin Lease/Well Name & No. PLU 23 DTD CVB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Fosburg
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.25.24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 11

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 575 988 4489

GENERATOR

NO. HW- 710909

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

Location of Origin
Lease/Well Name & No. PLU 23 DTD CvB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Fortines
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.25.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 28

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10/25/24 TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kurt Retzloff
Phone No. 575-988-4189

GENERATOR

NO. HW- 710811

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

Location of Origin
Lease/Well Name & No. PLU 23 DTD CVB
County Eddy
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halo Services
Address 28 Loudon Loop NM
Phone No. 505.320.4544
Transporter Ticket # _____

Driver's Name Chris Perry
Print Name Chris Perry
Phone No. 575-706-0571
Truck No. T-24

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

10-25-24 Chris Perry
SHIPMENT DATE DRIVER'S SIGNATURE

10-25-24 Chris Perry
DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 2E

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

Chris Perry 10/25/24 _____ _____
NAME (PRINT) DATE TITLE SIGNATURE

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308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Kolo
Phone No.

GENERATOR

NO. HW- 704409

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

Location of Origin Lease/Well Name & No. PLU 23 U 1 CVE
County _____
API No. CC 22 10 25 1001
Rig Name & No. _____
AFE/PO No. _____

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

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	Belly TCI 10
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil ✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations
Address 2318 Violet St
Phone No. 575 706 9148
Transporter Ticket # _____

Driver's Name Salvador Pola
Print Name _____
Phone No. _____
Truck No. U-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/25/24 DRIVER'S SIGNATURE Salvador P

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 14

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

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WHITE - PASS ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 704408

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) DATE TITLE SIGNATURE

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ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 704407

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) DATE TITLE SIGNATURE

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kurt Reitz
Phone No.

GENERATOR

NO. HW- 713120

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name H & H Trucking
Address
Phone No.
Transporter Ticket #

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

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

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

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) DATE TITLE SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 713119

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No. T 34

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 710860

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: _____ OUT: _____

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Kertz
Phone No. 575 988 4489

GENERATOR

NO. HW- 713149

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

Location of Origin Lease/Well Name & No. PKU 23D TB CVB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Fortines
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.28.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 14

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 575 988 4489

GENERATOR

NO. HW- 713147

Generator Manifest # XTO
Location of Origin Lease/Well Name & No. PLU 23 DTD CUB
Generator Name
Address
County
API No.
City, State, Zip
Rig Name & No.
Phone No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name HALO
Address
Phone No.
Transporter Ticket #
Driver's Name Kevin R Fortines
Print Name
Phone No.
Truck No. T-46 BD-01

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

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 10.28.24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 14

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Reis
Phone No. 575 988 4489

GENERATOR

NO. HW- 713148

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

Location of Origin Lease/Well Name & No. PKU 23 DTD CWB
County _____
API No. _____
Rig Name & No. N/A
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Forlines
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10-28-24 DRIVER'S SIGNATURE Kevin R Forlines

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. _____

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10/28/24 TITLE _____ SIGNATURE _____

C-138 White- FACILITY ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name KENT KETZ
Phone No. [illegible]

GENERATOR

NO. HW- 712775

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

Location of Origin
Lease/Well Name & No. Cotton Draw Unit 22
County DEDICUB
API No. _____
Rig Name & No. N/A
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Talon LPG
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Luis Moreno
Print Name _____
Phone No. _____
Truck No. 748 - Dump Truck

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10/8/24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 8

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10/9/24 TITLE _____ SIGNATURE _____

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 712777

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: _____ OUT: _____

RECEIVING AREA
Name/No. 2E

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

WHITE- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 712778

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

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

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: _____ OUT: _____

RECEIVING AREA
Name/No.

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 575 988 4489

GENERATOR

NO. HW- 713150

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

Location of Origin Lease/Well Name & No. PLU 23 DTD CvB
County
API No.
Rig Name & No.
AFE/PO No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

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

Driver's Name Kevin R Fosline
Print Name
Phone No.
Truck No. T-46 RD-01

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

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 10-25-24 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 76

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) | DATE 10/25/24 | TITLE | SIGNATURE

C-138 White- ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Kretz
Phone No. 575 988 4486

GENERATOR

NO. HW- 710910

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

Location of Origin
Lease/Well Name & No. PLU 23 DTD CuB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Fosbinder
Print Name _____
Phone No. _____
Truck No. T-46 BDT

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.29.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 28

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10/29/24 TITLE _____ SIGNATURE _____

C-138 _____ NAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

dolce@northstarforms.com (877)499-8492

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Ketz
Phone No. 575 988 4489

GENERATOR

NO. HW- 710903

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

Location of Origin
Lease/Well Name & No. PLU 23 DTD CvB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Fackrell
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.29.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 2

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White- ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Kretz
Phone No. 575 988 4489

GENERATOR

NO. HW- 713709

Generator Manifest # _____

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

Location of Origin
Lease/Well Name & No. PKU 23 DTD CUL
County _____
API No. _____
Rig Name & No. DIA
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Forbes
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10-30-24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. _____

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 575 988 4199

GENERATOR

NO. HW- 713710

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

Location of Origin Lease/Well Name & No. PKU 23 DTD CUE
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below) _____

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R. Fortines
Print Name _____
Phone No. _____
Truck No. T-46 RDOT

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.30.24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 12

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Kelz
Phone No. 575 988 4489

GENERATOR

NO. HW- 713706

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

Location of Origin Lease/Well Name & No. PLU 23 DTD CVB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

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

Driver's Name Kevin R Fosline
Print Name _____
Phone No. _____
Truck No. T-46 BD-01

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 10.30.24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 24

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

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

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

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

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

NAME (PRINT) _____ DATE 10.30 TITLE _____ SIGNATURE _____

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 715094

Generator Manifest # XTO

Generator Name
Address
City, State, Zip
Phone No.

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

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

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

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

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

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

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

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

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

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

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

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. 2E

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact information
Name
Phone No.

GENERATOR

NO. HW- 715086

Generator Manifest #
Generator Name XTO
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

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☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 713122

Generator Manifest #
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

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☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. _____

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Ben Ketz
Phone No.

GENERATOR

NO. HW- 713707

Generator Manifest #
Generator Name XTO
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. PKU 23 DTD CVL
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

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☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name HALO
Address
Phone No.
Transporter Ticket #

Driver's Name Kevin R Fortner
Print Name
Phone No.
Truck No. T-46 BD-01

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 10.31.24 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 12

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 10/31 | TITLE | SIGNATURE

C-138

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308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION**

Company Man Contact Information
Name KENDRICK
Phone No. 2710251001

GENERATOR

NO. HW- 713790

Generator Manifest # _____
Generator Name XTO / ~~ENDURE~~
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU 23 DTD CVB
County _____
API No. 2210251001
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	BELLY DUMP
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name TWO NATIONS LLC
Address 23 IE VIOLET STREET
Phone No. 575 706 5430
Transporter Ticket # _____

Driver's Name JAVIER REZA
Print Name _____
Phone No. _____
Truck No. R-01

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 6/13/25 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. _____

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 703300

Generator Manifest #
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

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☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 703299

Generator Manifest #
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. HW- 703298

Generator Manifest #
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Nitz
Phone No. 575-988-4159

GENERATOR

NO. HW- 710812

Generator Manifest # _____

Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU 23 DTD CVB
County Eddy
API No. _____
Rig Name & No. N/A
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	Contaminated Soil
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	V	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY 20 B - BARRELS L - LIQUID (Y - YARDS) E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below) _____

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

_____ (PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE

TRANSPORTER

Transporter's Name Hobbs Service
Address 29 Ind Pk Zip NM
Phone No. 505-392-4544
Transporter Ticket # _____

Driver's Name Chris Perry
Print Name Chris Perry
Phone No. 575-361-0571
Truck No. T-35

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

11-8-24 SHIPMENT DATE Chris Perry DRIVER'S SIGNATURE 11-9-24 DELIVERY DATE Chris Perry DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. _____

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

_____ NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No.

GENERATOR

NO. HW- 707730

Generator Manifest # _____

Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well Name & No. PLU 23 DTD CUB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	Soil
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Halfway
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name David Mar
Print Name _____
Phone No. _____
Truck No. 7-411

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 11-5-24 DRIVER'S SIGNATURE _____ DELIVERY DATE 11-5-24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. _____

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kat Ketz
Phone No.

GENERATOR

NO. HW- 715087

Generator Manifest # XTO
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. Hot Lake Unit 23 DTD CVE
County
API No.
Rig Name & No. DTA
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste	2		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name Hot Shot Trucking
Address
Phone No. Triple H Trucking
Transporter Ticket #

Driver's Name Tim Cunningham
Print Name
Phone No. (575) 48-2521
Truck No. Tub 80 Cat Dump

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 11-6-24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 78

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Pete
Phone No.

GENERATOR

NO. HW- 715088

Generator Manifest #
Generator Name XTO
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Pecos Slope Unit 23
County
API No. 30-015-FUTD-0VB
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	X	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 220 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 11-8-24 | DRIVER'S SIGNATURE | DELIVERY DATE 11-8-24 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. 19

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Alyonda Pineda | 11/8/24 | ADM | NP

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kurt Pet?
Phone No.

GENERATOR

NO. HW- 715089

Generator Manifest #
Generator Name XTO
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. Poker Lake Unit 23
County
API No. DTD CVD
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.
Transporter Ticket #

Driver's Name Tim Cartagena
Print Name
Phone No.
Truck No. T-13 Bulldog 24

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 11-8-24 | DRIVER'S SIGNATURE | DELIVERY DATE 11-8-24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 5

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 11-8-24 | TITLE | SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kyle Ford
Phone No.

GENERATOR

NO. HW- 715090

Generator Manifest # XTO

Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. Parker Lake Unit 03 DTD CVB
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	X	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name Helo Service
Address
Phone No. 26 Snyders Rd Hanover Pa
Transporter Ticket #

Driver's Name Jason Cunningham
Print Name
Phone No.
Truck No. I-43 Kenworth 04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 11-8-24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 14

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name K. Rel
Phone No. 2255284459

GENERATOR

NO. HW- 711425

Generator Manifest # _____
Location of Origin Lease/Well PLU 23 DTB CTB

Generator Name XTC Energy
Name & No.
Address
County
API No.
City, State, Zip
Rig Name & No.
Phone No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name Hale Services
Address
Phone No.
Transporter Ticket #
Driver's Name John Vasquez
Print Name
Phone No.
Truck No. T-49

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 11/8/2024 | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 14

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Alyssa Vacio | 11/8/24 | APM | A-
NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Ketz
Phone No. 5748484489

GENERATOR

NO. HW- 715462

Generator Manifest # _____
Location of Origin Lease/Well PLU 23 DTD CTB

Generator Name XTO Energy
Name & No.
Address
County
API No.
City, State, Zip
Rig Name & No. N/A
Phone No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	2	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E- EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name Halo Services
Address
Phone No.
Transporter Ticket #

Driver's Name John Vasquez
Print Name
Phone No.
Truck No. T-49

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 11/8/24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. _____

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 11/8 | TITLE | SIGNATURE

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Pet
Phone No. 575 [illegible] 1489

GENERATOR

NO. HW- 715463

Generator Manifest # _____

Location of Origin Lease/Well: FLU 23 MTD CVB

Generator Name: XTO Energy

Name & No. _____

Address _____

County _____

API No. _____

City, State, Zip _____

Rig Name & No. _____

Phone No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Water Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids				
Tank Bottoms				
E&P Contaminated Soil	X	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Gas Plant Waste		Truck Washout (exempt waste)	YES NO	QUANTITY / TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS Dirty Dump E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: Halo Services

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name: John Vasquez

Print Name _____

Phone No. _____

Truck No. T-49

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 11/8/2024 DRIVER'S SIGNATURE [signature]

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 14

Site Name/Permit No.: **Halfway Facility / NM1-006**

Address: **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No.: **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgents? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Mycndra P — NAME (PRINT)

11/8/24 — DATE

NDM — TITLE

[signature] — SIGNATURE

C-138

WHITE - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kurt Reid
Phone No. 575-631-1897

GENERATOR

NO. HW- 715464

Generator Manifest # _____

Location of Origin Lease/Well: PLU 23 DRD CTB

Generator Name: XTO Energy

Name & No. _____

Address _____

County _____

API No. _____

City, State, Zip _____

Rig Name & No. _____

Phone No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Water Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids				
Tank Bottoms				
E&P Contaminated Soil				
Gas Plant Waste				

INTERNAL USE ONLY			TOP SOIL & CALICHE SALES			
Truck Washout (exempt waste)	YES	NO	QUANTITY		TOP SOIL	CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name: Hilo Services

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name: John Vasquez

Print Name _____

Phone No. _____

Truck No. T-49

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 11/8/24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 14

Site Name/ Permit No. **Halfway Facility / NM1-006**

Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgents? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Hilario Aracto (NAME (PRINT)) 11/8/24 (DATE) N/A (TITLE) AP (SIGNATURE)

C-138

White - R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 701-075-1

GENERATOR

NO. HW- 713791

Generator Manifest # _____
Location of Origin Lease/Well Name & No. PLU 23 DTD CVB
Generator Name XTO
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC
Address 2318 Vicker St
Phone No. 575 706-5[illegible]
Transporter Ticket # _____
Driver's Name Alex Reed
Print Name _____
Phone No. 575-988-0220
Truck No. L-11

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 11-8-24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 14

Site Name/Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Alejandra P NAME (PRINT) 11/8/24 DATE MGMT TITLE _____ SIGNATURE

C-138

White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Reed
Phone No. 432-425-1611

GENERATOR

NO. HW- 713792

Generator Manifest # _____
Location of Origin Lease/Well Name & No. Poker Lake Unit 23 BTD CVB
Generator Name XTO
Address _____
County _____
API No. _____
City, State, Zip _____
Rig Name & No. _____
Phone No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations LLC
Address 2310 Violet St
Phone No. 575-706-5432
Transporter Ticket # _____
Driver's Name Alex Reed
Print Name _____
Phone No. 575-937-0220
Truck No. L-11

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 11-2-24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. 19

Site Name/Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Alejandro P NAME (PRINT) _____ 11/8/24 DATE _____ N/A TITLE _____ SIGNATURE _____

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Retz
Phone No. 321 225-6211

GENERATOR

NO. HW- 713793

Generator Manifest # _____
Generator Name XTO
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin Lease/Well Name & No. Poker Lake Unit 23 DTD CVB
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Two Nations
Address 2312 Vicky St
Phone No. 575-706-5437
Transporter Ticket # _____

Driver's Name Alex Ecs
Print Name _____
Phone No. 575-988-2230
Truck No. 211

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 11-8-24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP
IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 14

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Alejandro Rico (NAME PRINT) 11/8/24 (DATE) MGR (TITLE) AR (SIGNATURE)

C-138 White- ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

Received by OCD: 6/16/2025 2:35:20 PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Rete
Phone No. 221-025-1001

GENERATOR

NO. HW- 713794

Generator Manifest # H
Generator Name XTO
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Name & No. Poker Lake Unit 23 DTD CVB
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name Two Nations LLC
Address 2312 Violet St
Phone No. 575-706-5452
Transporter Ticket #

Driver's Name Alex Reid
Print Name
Phone No. 575-703-2148
Truck No. L-11

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 11-08-24 | DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 14

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White- R360 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

Released to Imaging: 7/22/2025 8:11:43 AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Kent Kertz
Phone No. 575 988 4489

GENERATOR

NO. HW- 717899

Generator Manifest # _____

Generator Name XTO

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin
Lease/Well Name & No. PLU 23 BTD CVB

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil		Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste	✓		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name HAHO Services

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Kevin R. Fosliner

Print Name _____

Phone No. _____

Truck No. T-46 BD-01

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE 11.22.24 DRIVER'S SIGNATURE _____

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: _____ OUT: _____

RECEIVING AREA
Name/No. _____

Site Name/Permit No. **Halfway Facility / NM1-006**

Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-392-6368**

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgents? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE 11.22.24 TITLE _____ SIGNATURE _____

C-138

White- Page ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 13, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/07/24 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 01 @ 0.5' (H241163-01)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *90.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 02 @ 0.5' (H241163-02)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	**33.5**	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 03 @ 0.5' (H241163-03)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 04 @ 0.5' (H241163-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *89.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 05 @ 0.5' (H241163-05)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 06 @ 0.5' (H241163-06)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	575-937-3900 Fax #:
Project #:	03C1558324 Project Owner:
Project Name:	PLU 23 Dog Town Draw CVB
Project Location:	32.21345, -103.85032
Sampler Name:	Mariana O'Dell

BILL TO

P.O. #:	
Company:	XTO Energy
Attn:	Amy Ruth
Address:	3104 E. Greene St
City:	Carlsbad
State: NM	Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chlorides	TPH	BTEX
H241163																	
1	SS01 @ 0.5'	G	1			X					X		3/5/24	13:45	X	X	X
2	SS02 @ 0.5'					X					X			12:30			
3	SS03 @ 0.5'					X					X			13:40			
4	SS04 @ 0.5'					X					X			12:40			
5	SS05 @ 0.5'					X					X			12:45			
6	SS06 @ 0.5'					X					X			13:35			

NO

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Relinquished By:	Date: 3/6/24	Received By:	
	Time: 11:30		
Relinquished By:	Date: 3.7.24	Received By:	
	Time: 1420		

Verbal Result: ☐ Yes ☒ No Add'l Phone #:

All Results are emailed. Please provide Email address: thillard@ensolum.com, modell@ensolum.com

REMARKS: Incident: NAPP2402532559 & NAPP2402633992

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.0	Sample Condition Cool: ☑ Yes ☐ No	Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) SR
	Corrected Temp. °C			

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #413 Correction Factor -0.8°C #140

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 04, 2024

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 13:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 1 0.5 (H241622-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/01/2024	ND	2.04	102	2.00	4.16	
Toluene*	**14.7**	1.00	04/01/2024	ND	2.03	101	2.00	5.14	
Ethylbenzene*	**5.84**	1.00	04/01/2024	ND	1.96	98.2	2.00	5.34	
Total Xylenes*	**82.9**	3.00	04/01/2024	ND	5.95	99.1	6.00	4.96	
Total BTEX	**103**	6.00	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *133 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**2610**	100	04/01/2024	ND	230	115	200	7.04	QM-07, QR-03
DRO >C10-C28*	**20400**	100	04/01/2024	ND	225	112	200	8.45	QM-07, QR-03
EXT DRO >C28-C36	**2860**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *168 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *386 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 1 1 (H241622-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	04/01/2024	ND	2.04	102	2.00	4.16	
Toluene*	**62.3**	5.00	04/01/2024	ND	2.03	101	2.00	5.14	
Ethylbenzene*	**16.8**	5.00	04/01/2024	ND	1.96	98.2	2.00	5.34	
Total Xylenes*	**234**	15.0	04/01/2024	ND	5.95	99.1	6.00	4.96	
Total BTEX	**313**	30.0	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**6420**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**12100**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**1500**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *192 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *206 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 1 8 (H241622-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**35.3**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *211 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *226 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 2 0.5 (H241622-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**29.3**	2.00	04/01/2024	ND	1.94	96.9	2.00	5.76	QM-07
Ethylbenzene*	**9.70**	2.00	04/01/2024	ND	1.92	95.9	2.00	6.30	QM-07
Total Xylenes*	**109**	6.00	04/01/2024	ND	5.69	94.9	6.00	6.13	QM-07
Total BTEX	**148**	12.0	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**7600**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**30000**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**4430**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *298 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *544 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 2 1 (H241622-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**7.28**	5.00	04/01/2024	ND	1.88	94.1	2.00	6.87	GC-NC1
Toluene*	**59.2**	5.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**11.5**	5.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**135**	15.0	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**213**	30.0	04/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**5320**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**8200**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**1040**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *163 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *180 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 2 9 (H241622-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**59.5**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**13.3**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *96.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 3 0.5 (H241622-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**17.3**	1.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**5.04**	1.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**88.5**	3.00	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**111**	6.00	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3610**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**30700**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**5000**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *224 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *616 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 3 1 (H241622-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**1.92**	1.00	04/01/2024	ND	1.88	94.1	2.00	6.87	GC-NC1
Toluene*	**31.9**	1.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**7.27**	1.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**121**	3.00	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**162**	6.00	04/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3420**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**7350**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**930**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *161 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *179 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 3 8.5 (H241622-09)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.066**	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	GC-NC1
Toluene*	**1.38**	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**0.393**	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**7.02**	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**8.87**	0.300	04/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *136 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**312**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**1690**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**275**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 4 0.5 (H241622-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**55.6**	5.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**14.6**	5.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**241**	15.0	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**311**	30.0	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *130 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**7980**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**19000**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**2420**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *264 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *332 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 4 1 (H241622-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**0.054**	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 4 7 (H241622-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**0.384**	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**0.384**	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**22.2**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**322**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**40.0**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 5 0.5 (H241622-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 5 1 (H241622-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 5 3 (H241622-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**17.2**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *81.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 6 0.5 (H241622-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**41.9**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 6 2 (H241622-17)

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	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 7 0.5 (H241622-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**36.4**	10.0	03/29/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**572**	10.0	03/29/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**67.8**	10.0	03/29/2024	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 7 1 (H241622-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/29/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**62.4**	10.0	03/29/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/29/2024	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 7 2 (H241622-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	237	118	200	5.62	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	229	114	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane *95.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	601 N. Marienfeld St. STE 400
City:	Midland State: TX Zip: 79701
Phone #:	989 854 0832 Fax #:
Project #:	03C1558323 Project Owner: XTO
Project Name:	PLU 23 DTD CVB
Project Location:	32.21345, -109.85032
Sampler Name:	Tracy Hillard / Uriel Santillana

BILL TO

P.O. #:	
Company:	XTO
Attn:	Amy Ruth
Address:	3104 E. Greene St
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	432.661.0571
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chlorides	BTEX	TPH
H211622																		
1	PH1	0.5	G	1			X					X		3.27.24	1439	X	X	X
2	PH1	1		1											1045			
3	PH1	8		1											1317			
4	PH2	0.5		1											1440			
5	PH2	1		1											1100			
6	PH2	9		1											1243			
7	PH3	0.5		1											1441			
8	PH3	1		1											1220			
9	PH3	8.5		1											1326			
10	PH4	0.5		1											1407			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 3.28.24 Time: 1342	Received By:	
Relinquished By:	Date: Time:	Received By:	

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

~~BJennings@ensolum.com~~ BBelill@ensolum.com

REMARKS: Cost Center: 2210251001

Incident: nAPP2402531559 / nAPP2402633992

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 0.3
Corrected Temp. °C

Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials) TB

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID ~~#113~~ #140
Correction Factor ~~0.5°C~~ 3/25/24 TB

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No

Observed Temp. °C
Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	601 N. Marienfeld St. STE 400
City:	Midland State: TX Zip: 79701
Phone #:	9898540832 Fax #:
Project #:	03C1558323 Project Owner: XTO
Project Name:	PLU 23 DTD CVB
Project Location:	32.21345,-103.85032
Sampler Name:	TH / US

BILL TO

P.O. #:	
Company:	XTO
Attn:	Amy Ruth
Address:	304 E. Greene St
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	4326610571
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H241622																		
11	PH4	1	G	1			X					X		3.27.24	1408	X	X	X
12	PH4	7	C	1			X					X			1420	X	X	X
13	PH5	0.5	C	1			X					X			1458	X	X	X
14	PH5	1	C	1			X					X			1459	X	X	X
15	PH5	3	C	1			X					X			1502	X	X	X
16	PH6	0.5	C	1			X					X			1521	X	X	X
17	PH6	2	C	1			X					X			1525	X	X	X
18	PH7	0.5	C	1			X					X			1532	X	X	X
19	PH7	1	C	1			X					X			1534	X	X	X
20	PH7	2	C	1			X					X			1536	X	X	X

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Relinquished By:	Date: 3.28.24	Received By:	
	Time: 1342		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

~~Bjennings@ensolum.com~~ BBelill@ensolum.com

REMARKS: cost center: 2210251001

Inc. dnt: nAPP2402531559/nAPP2402633992

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C 0.3

Corrected Temp. °C

Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials) JO

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID ~~#113~~ #140

Correction Factor ~~0.5°C~~ 5/23/24

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No

Observed Temp. °C

Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 09, 2024

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 04/03/24 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 8 0.5 (H241732-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**88.9**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**11.3**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 8 2 (H241732-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *89.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 9 0.5 (H241732-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**649**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**112**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 9 2 (H241732-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 01 0.5 (H241732-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**345**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**75.7**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 02 0.5 (H241732-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**305**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**77.2**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 03 0.5 (H241732-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**991**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**237**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 04 0.5 (H241732-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**962**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**283**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 05 0.5 (H241732-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**666**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**139**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *88.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 06 0.5 (H241732-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**309**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**80.5**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *78.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 07 0.5 (H241732-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**180**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**56.4**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 08 0.5 (H241732-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**418**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**115**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *86.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 09 0.5 (H241732-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**207**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**55.4**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 10 0.5 (H241732-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**72.1**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**12.7**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *90.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 11 0.5 (H241732-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**186**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**55.7**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *90.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 12 0.5 (H241732-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**387**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**97.9**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 13 0.5 (H241732-17)

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	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**944**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**287**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 14 0.5 (H241732-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**74.1**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *125 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 15 0.5 (H241732-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**122**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 16 0.5 (H241732-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**318**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	**45.5**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 17 0.5 (H241732-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**57.9**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *93.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 18 0.5 (H241732-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**294**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	**40.2**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *89.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 19 0.5 (H241732-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**442**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	**60.5**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *133 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	601 N. Marienfeld St. STE 400
City:	Midland State: TX Zip: 79701
Phone #:	989-854-0852 Fax #:
Project #:	03C1558323 Project Owner: XTO
Project Name:	PLU 23 DTD CVB
Project Location:	32.21345, -103.85032
Sampler Name:	Tracy Hillard / Uriel Santzilla

BILL TO

P.O. #:	
Company:	XTO
Attn:	Amy Ruth
Address:	3104 E. Greene St
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	432-661-0571
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H341732																		
1	PH8	0.5	G	1			X					X		3.28.24	0852	X	X	X
2	PH8	2	G	1											0856			
3	PH9	0.5	G	1											0908			
4	PH9	2	G	1											0912			
5	FS01	0.5	C	1											0918			
6	FS02	0.5	C	1											0921			
7	FS03	0.5	C	1											0923			
8	FS04	0.5	C	1											0927			
9	FS05	0.5	C	1											1140			
10	FS06	0.5	C	1											1000			

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Relinquished By:	Date: 4/3/24 Time: 0700	Received By:	
Relinquished By:	Date: 4/3/24 Time: 1450	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.7 Corrected Temp. °C	Sample Condition Cool: Yes / Intact: Yes	CHECKED BY: (Initials)

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

BJennings@ensolum.com BBelill@ensolum.com

REMARKS:

Cost center: 2210251001

Incident: nAPP2402631559 / nAPP2402633792

Turnaround Time: Standard ☑ Rush ☐

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

Observed Temp. °C

Thermometer ID #113 Correction Factor -0.5°C #140 4/3/24

Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Ben Belill
Address: 601 N Marienfeld Street, Suite 400
City: Midland State: TX Zip: 79701
Phone #: 989 854 0852 Fax #:
Project #: ~~PLU~~ 03C1558323 Project Owner: XTO
Project Name: PLU 23 DTD CUB
Project Location: 32.21345, -103.85032
Sampler Name: Tracy Hillard / Uriel Santanilla

BILL TO
P.O. #:
Company: XTO
Attn: Amy Ruth
Address: 3104 E. Green St
City: Carlsbad
State: NM Zip: 88220
Phone #: 432.661-0571
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500
H241732																		
11	FS07	0.5	C	1			X					X		3.28.24	1015	X	X	X
12	FS08			1											1020			
13	FS09			1											1025			
14	FS10			1											1028			
15	FS11			1											1050			
16	FS12			1											1054			
17	FS13			1											1100			
18	FS14			1											1103			
19	FS15			1											1106			
20	FS16			1											1110			

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Relinquished By: Tracy Hillard Date: 4/3/24 Time: 0700 Received By:
Relinquished By: Date: 4/3/24 Time: 1450 Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
BBelill@ensolum.com
REMARKS:
Cost center: 2210251001
Incident: nAPP2402531559 / nAPP2402633992

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 5.7 Corrected Temp. °C
Sample Condition Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No
CHECKED BY: (Initials)
Turnaround Time: Standard ☑ Rush ☐
Bacteria (only) Sample Condition Cool ☐ Yes Intact ☐ Yes ☐ No ☐ No Observed Temp. °C
Thermometer ID #113 Correction Factor ~~0.5°C~~ #140 4/3/24 Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 601 N Marienfeld Street, Suite 400	Company: XTO
City: Midland State: TX Zip: 79701	Attn: Amy Ruth
Phone #: 989 854 0852 Fax #:	Address: 3104 E. Greene
Project #: 03C1558323 Project Owner: XTO	City: Carlsbad
Project Name: PLU 23 DTD CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 432.661.0571
Sampler Name: Tracy Hillard / Uriel Santarilla	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H241732																		
21	FS17	0.5	C	1			X					X		3.28.24	1113	X	X	X
22	FS18	1	C	1			1					1		1	1115	1	1	1
23	FS19		C	1			1					1		1	1119	1	1	1

TH

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Relinquished By:	Date: 4/3/24 Time: 0700	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 4/3/24 Time: 14:50	Received By:	All Results are emailed. Please provide Email address: BBelill@ensolum.com
			REMARKS: cost center: 221025001 Incident: nAPP2402531559 / nAPP2402633992
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.7 Corrected Temp. °C	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) TC
			Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113 #140 Correction Factor 0.5°C -0.4/3/24
			Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

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Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 16, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 15:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 01 0.5' (H242580-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *80.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *98.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 01 B 2' (H242580-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *80.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 01 D 4' (H242580-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *79.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 02 B 2' (H242580-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *81.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 02 D 4' (H242580-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *80.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 03 0.5' (H242580-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**289**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	**34.1**	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 03 B 2' (H242580-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *121 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 03 D 4' (H242580-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 04 0.5' (H242580-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**34.1**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 04 B 2' (H242580-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 04 D 4' (H242580-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 05 0.5' (H242580-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**148**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	**29.1**	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 05 B 2' (H242580-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 06 0.5' (H242580-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**17.1**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 06 B 2' (H242580-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 06 D 4' (H242580-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Tracy Hillard
Address: 3122 National Parks Hwy
City: Carlsbad State: NM Zip: 88220
Phone #: 5759373906 Fax #:
Project #: 03C1557323 Project Owner:
Project Name: PLU 23 DTD CVB
Project Location: 32.213078, -103.850626
Sampler Name: Uriel Santillana

BILL TO
P.O. #:
Company: XTO Energy
Attn: Amy Ruth
Address: 3104 E. Greene st
City: Carlsbad
State: NM Zip: 88220
Phone #:
Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
1H247580 1	BH01	0.5'	G	1			X					X		5/9/24	1050	X	X	X
2	BH01B	2'													1056			
3	BH01D	4'													1105			
4	BH02B	2'													1153			
5	BH02D	4'													1203			
6	BH03	0.5'													1258			
7	BH03B	2'													1310			
8	BH03D	4'													1318			
9	BH04	0.5'													1450			
10	BH04B	2'													1453			

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Relinquished By: [signature]
Date: 5/10/24 Time: 1517
Received By: [signature]

Relinquished By:
Date: Time:
Received By:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 5.8°C
Corrected Temp. °C
Sample Condition: Cool Yes / Intact Yes
CHECKED BY: (Initials)

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
thillard@ensolum.com
REMARKS: cost center: 2210251001
nAPP2402531559
nAPP2402633492

Turnaround Time: Standard ☒ Rush ☐
Thermometer ID #113
Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

Page 187 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Tracy Hillard	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Amy Ruth
Phone #: 5759373906 Fax #:	Address: 3104 E. Greene st
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: 03C1558323	State: NM Zip: 88220
Project Location: 32.213078, -103.850626	Phone #:
Sampler Name: Uriel Santillana	Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	TPH	BTEX
H247580																		
11	BH04D	4'	G	1			X					X		5/9/24	1500	X	X	X
12	BH05	0.5'												5/10/24	926			
13	BH05B	2'													932			
14	BH06	0.5'													1040			
15	BH06B	2'													1044			
16	BH06D	4'													1050			

US

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Relinquished By: U Dan	Date: 5/10/24 Time: 1517	Received By: aPaiva	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: thillard@ensolum.com
			REMARKS: Cost center: 2210251001 nAPP2402531559 nAPP2402633492
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.8 Corrected Temp. °C 5.8	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) AD
			Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113 Correction Factor -0.5°C 148
			Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 28, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 10/25/24 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 20 4 (H246511-01)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane *97.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 21 4 (H246511-02)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 22 4 (H246511-03)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 23 4 (H246511-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 24 4 (H246511-05)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 25 4 (H246511-06)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 26 4 (H246511-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 27 4 (H246511-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 01 0-4 (H246511-09)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 02 0-4 (H246511-10)

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	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 03 0-4 (H246511-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 04 0-4 (H246511-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/28/2024	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 05 0-4 (H246511-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	<0.050	0.050	10/25/2024	ND	2.08	104	2.00	6.33	
Ethylbenzene*	<0.050	0.050	10/25/2024	ND	2.10	105	2.00	6.06	
Total Xylenes*	<0.150	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	<0.300	0.300	10/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/28/2024	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	<10.0	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/25/2024	Sampling Date:	10/24/2024
Reported:	10/28/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 06 0-4 (H246511-14)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2024	ND	2.13	107	2.00	5.94	
Toluene*	**0.305**	0.050	10/25/2024	ND	2.08	104	2.00	6.33	GC-NC1
Ethylbenzene*	**0.530**	0.050	10/25/2024	ND	2.10	105	2.00	6.06	GC-NC1
Total Xylenes*	**6.62**	0.150	10/25/2024	ND	6.27	105	6.00	6.25	
Total BTEX	**7.45**	0.300	10/25/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *283 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/28/2024	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**309**	10.0	10/26/2024	ND	195	97.4	200	3.42	
DRO >C10-C28*	**2350**	10.0	10/26/2024	ND	192	96.2	200	0.0707	
EXT DRO >C28-C36	**355**	10.0	10/26/2024	ND					

Surrogate: 1-Chlorooctane *136 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *128 %* *49.1-148*

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of

Company Name: Ensolum, LLC		**BILL TO**	
Project Manager: Ben Belill		P.O. #:	
Address: 3122 National Parks Hwy		Company: XTO Energy	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 989-854-0852	Fax #:	Address: 3104 E Greene St.	
Project #: 03C1558323	Project Owner:	City: Carlsbad	
Project Name: PLU 23 Dog Town Draw CVB		State: NM Zip: 88220	
Project Location: 32.21345, -103.85032		Phone #: 575-988-2390	
Sampler Name: Mario Sarkis		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H246511																		
1	FS20	4	C	1			✓					✓		10/24/24	1021	✓	✓	✓
2	FS21	4	C	1			✓					✓			1023	✓	✓	✓
3	FS22	4	C	1			✓					✓			1024	✓	✓	✓
4	FS23	4	C	1			✓					✓			1027	✓	✓	✓
5	FS24	4	C	1			✓					✓			1026	✓	✓	✓
6	FS25	4	C	1			✓					✓			1030	✓	✓	✓
7	FS26	4	C	1			✓					✓			1029	✓	✓	✓
8	FS27	4	C	1			✓					✓			1032	✓	✓	✓
9	SW01	0-4	C	1			✓					✓			1438	✓	✓	✓
10	SW02	0-4	C	1			✓					✓			1032	✓	✓	✓

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Relinquished By:	Date: 10/25/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1206		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	bbelill@ensolum.com/tmorissey@ensolum.com/kthomps on@ensolum
	Time:		REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
			Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One)	Observed Temp. °C 3.2	Sample Condition: Cool ☐ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ 24-hr	Bacteria (only) Sample Condition: Cool ☐ Yes ☐ Nc Intact ☐ Yes ☐ No Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 2.0			Thermometer ID #113 Correction Factor -0.5°C	Corrected Temp. °C

#140-0.0c

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

Page 205 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H24511																		
11	SW03	0-4	C	1			✓					✓		10/24/21	1036	✓	✓	✓
12	SW04	0-4	C	1			✓					✓			1034	✓	✓	✓
13	SW05	0-4	C	1			✓					✓			1037	✓	✓	✓
14	SW06	0-4	C	1			✓					✓			1039	✓	✓	✓

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Relinquished By:	Date: 10/25/21	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1200		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	bbelill@ensolum.com/tmorrissey@ensolum.com/kthompson@ensolum.com
	Time:		REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
			Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact		Standard ☐ Rush ☑	Cool Intact Observed Temp. °C
	3.2 / 2.4	☐ Yes ☐ Yes ☐ No ☐ No	SK	#140 -0.4 / 24-hr	☑ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C
				Thermometer ID #113 Correction Factor -0.5°C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 30, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 10/29/24 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 28 4 (H246567-01)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/30/2024	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	10/30/2024	ND	220	110	200	4.28	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	213	106	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 29 4 (H246567-02)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	220	110	200	4.28	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	213	106	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 30 4 (H246567-03)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/29/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/29/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/29/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 31 4 (H246567-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 32 1 (H246567-05)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 33 1 (H246567-06)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *119 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 34 1 (H246567-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	**17.9**	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *120 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *128 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 35 1 (H246567-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 36 1 (H246567-09)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 07 0-4 (H246567-10)

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	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/30/2024	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	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 08 0-4 (H246567-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/30/2024	ND	432	108	400	0.00	QR-03

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	**11.1**	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 09 0-4 (H246567-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/30/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	<10.0	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *95.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 10 0-4 (H246567-13)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/30/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	**620**	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	**99.8**	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/29/2024	Sampling Date:	10/28/2024
Reported:	10/30/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 11 0-1 (H246567-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2024	ND	2.31	115	2.00	8.20	
Toluene*	<0.050	0.050	10/29/2024	ND	2.36	118	2.00	7.41	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.29	114	2.00	6.89	
Total Xylenes*	**0.170**	0.150	10/29/2024	ND	7.13	119	6.00	6.20	
Total BTEX	<0.300	0.300	10/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/30/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**21.7**	10.0	10/30/2024	ND	222	111	200	1.00	
DRO >C10-C28*	**457**	10.0	10/30/2024	ND	220	110	200	4.00	
EXT DRO >C28-C36	**66.1**	10.0	10/30/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chlorides											
H246507																												
1	FS28	4	C	1			✓					✓		10/29/24	1156	✓	✓	✓										
2	FS29	4	C	1			✓					✓			1159	✓	✓	✓										
3	FS30	4	C	1			✓					✓			1241	✓	✓	✓										
4	FS31	4	C	1			✓					✓			1243	✓	✓	✓										
5	FS32	~~4~~ MS 1	C	1			✓					✓			1246	✓	✓	✓										
6	FS33	~~4~~ MS 1	C	1			✓					✓			1248	✓	✓	✓										
7	FS34	~~4~~ MS 1	C	1			✓					✓			1252	✓	✓	✓										
8	FS35	~~4~~ MS 1	C	1			✓					✓			1255	✓	✓	✓										
9	FS36	~~4~~ MS 1	C	1			✓					✓			1257	✓	✓	✓										
10	SW07	0-4	C	1			✓					✓		↓	1259	✓	✓	✓										

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Relinquished By:	Date: 10/29/24 Time:	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 10.29.24 Time: 1330	Received By:	All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 23.6 Corrected Temp. °C 1.7	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) AD

REMARKS: Incident Number: nAPP2402531559, nAPP2402633992

Cost Center: 2210251001 Facility Number: fAPP2325847913

Turnaround Time: Standard ☐ Rush ☑ AD

Thermometer ID #113 #140 Correction Factor -0.5°C -0.6 3/4-hr

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

Page 223 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 3122 National Parks Hwy	**Company:** XTO Energy
City: Carlsbad **State:** NM **Zip:** 88220	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:** 3104 E Greene St.
Project #: 03C1558323 **Project Owner:**	**City:** Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	**State:** NM **Zip:** 88220
Project Location: 32.21345, -103.85032	**Phone #:** 575-988-2390
Sampler Name: Mario Sarkis	**Fax #:**

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chlorides
H246507																		
11	SW08	0-4	C	1			✓					✓		10/28/24	1301	✓	✓	✓
12	SW09	0-4	C	1			✓					✓			1304	✓	✓	✓
13	SW10	0-4	C	1			✓					✓			1306	✓	✓	✓
14	SW11	0-1	C	1			✓					✓		↓	1307	✓	✓	✓

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Relinquished By:	**Date:** 10.29.24 **Time:** 1330	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
			REMARKS: Incident Number: nAPP2402531559, nAPP2402633992 Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.3 Corrected Temp. °C 1.7	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** AP	**Turnaround Time:** Standard ☐ Rush ☑ AP **Thermometer ID** #113 #110 **Correction Factor** ~~0.5~~°C -0.6 **Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 06, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 10/30/24 10:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 37 1'	H246605-01	Soil	29-Oct-24 08:54	30-Oct-24 10:46
FS 38 1'	H246605-02	Soil	29-Oct-24 08:58	30-Oct-24 10:46
FS 39 1'	H246605-03	Soil	29-Oct-24 09:22	30-Oct-24 10:46
FS 40 1'	H246605-04	Soil	29-Oct-24 09:25	30-Oct-24 10:46
FS 41 1'	H246605-05	Soil	29-Oct-24 09:28	30-Oct-24 10:46
FS 42 1'	H246605-06	Soil	29-Oct-24 09:30	30-Oct-24 10:46
FS 43 1'	H246605-07	Soil	29-Oct-24 09:32	30-Oct-24 10:46
FS 44 1'	H246605-08	Soil	29-Oct-24 09:34	30-Oct-24 10:46
FS 45 1'	H246605-09	Soil	29-Oct-24 09:36	30-Oct-24 10:46
SW 12 0-1'	H246605-10	Soil	29-Oct-24 09:38	30-Oct-24 10:46
SW 13 0-1'	H246605-11	Soil	29-Oct-24 09:40	30-Oct-24 10:46

11/06/24 - Client changed sample IDs (see COC). This is the revised report and will replace the one sent on 11/01/24.

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CARDINAL Laboratories

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 37 1'

H246605-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4103117	AC	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.0 %*	*71.5-134*		*4103036*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*91.7 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.7 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 38 1'

H246605-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.5 %*	*71.5-134*		*4103036*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	**12.1**		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*77.0 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.3 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 39 1'

H246605-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.5 %*	*71.5-134*		*4103036*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*89.9 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*88.4 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 40 1'

H246605-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4103036	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.9 %*	*71.5-134*		*4103036*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*88.9 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.7 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 41 1'

H246605-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*89.3 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.2 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 42 1'

H246605-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*90.0 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.5 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 43 1'

H246605-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*98.1 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.5 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 44 1'

H246605-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*86.6 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.5 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

FS 45 1'

H246605-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*91.9 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.4 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

SW 12 0-1'

H246605-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*90.4 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.8 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

SW 13 0-1'

H246605-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	4110126	HM	01-Nov-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4110119	JH	01-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*4110119*	JH	*01-Nov-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
DRO >C10-C28*	**15.6**		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103027	MS	31-Oct-24	8015B	
Surrogate: 1-Chlorooctane			*91.9 %*	*48.2-134*		*4103027*	MS	*31-Oct-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.6 %*	*49.1-148*		*4103027*	MS	*31-Oct-24*	*8015B*	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4103117 - 1:4 DI Water										
Blank (4103117-BLK1)				Prepared & Analyzed: 31-Oct-24						
Chloride	ND	16.0	mg/kg							
LCS (4103117-BS1)				Prepared & Analyzed: 31-Oct-24						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4103117-BSD1)				Prepared & Analyzed: 31-Oct-24						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 4110126 - 1:4 DI Water										
Blank (4110126-BLK1)				Prepared & Analyzed: 01-Nov-24						
Chloride	ND	16.0	mg/kg							
LCS (4110126-BS1)				Prepared & Analyzed: 01-Nov-24						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4110126-BSD1)				Prepared & Analyzed: 01-Nov-24						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4103036 - Volatiles										
Blank (4103036-BLK1)				Prepared: 30-Oct-24 Analyzed: 01-Nov-24						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*99.3*	*71.5-134*			
LCS (4103036-BS1)				Prepared: 30-Oct-24 Analyzed: 01-Nov-24						
Benzene	2.11	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.03	0.050	mg/kg	2.00		101	86-128			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.08	0.100	mg/kg	4.00		102	89-129			
o-Xylene	1.98	0.050	mg/kg	2.00		99.1	86.1-125			
Total Xylenes	6.06	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0496*		mg/kg	*0.0500*		*99.2*	*71.5-134*			
LCS Dup (4103036-BSD1)				Prepared: 30-Oct-24 Analyzed: 01-Nov-24						
Benzene	1.92	0.050	mg/kg	2.00		96.1	82.8-130	9.14	15.8	
Toluene	1.87	0.050	mg/kg	2.00		93.5	86-128	8.09	15.9	
Ethylbenzene	1.90	0.050	mg/kg	2.00		94.8	85.9-128	7.23	16	
m,p-Xylene	3.77	0.100	mg/kg	4.00		94.3	89-129	7.79	16.2	
o-Xylene	1.84	0.050	mg/kg	2.00		92.2	86.1-125	7.26	16.7	
Total Xylenes	5.62	0.150	mg/kg	6.00		93.6	88.2-128	7.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0490*		mg/kg	*0.0500*		*98.0*	*71.5-134*			
Batch 4110119 - Volatiles										
Blank (4110119-BLK1)				Prepared & Analyzed: 01-Nov-24						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4110119 - Volatiles										
Blank (4110119-BLK1)				Prepared & Analyzed: 01-Nov-24						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0531*		mg/kg	*0.0500*		*106*	*71.5-134*			
LCS (4110119-BS1)				Prepared & Analyzed: 01-Nov-24						
Benzene	2.15	0.050	mg/kg	2.00		107	82.8-130			
Toluene	2.21	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125			
Total Xylenes	6.67	0.150	mg/kg	6.00		111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0506*		mg/kg	*0.0500*		*101*	*71.5-134*			
LCS Dup (4110119-BSD1)				Prepared & Analyzed: 01-Nov-24						
Benzene	2.07	0.050	mg/kg	2.00		104	82.8-130	3.79	15.8	
Toluene	2.12	0.050	mg/kg	2.00		106	86-128	3.80	15.9	
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128	3.62	16	
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	89-129	3.23	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125	3.90	16.7	
Total Xylenes	6.45	0.150	mg/kg	6.00		107	88.2-128	3.45	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0513*		mg/kg	*0.0500*		*103*	*71.5-134*			

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: PLU 23 DOG TOWN DRAW CVB Project Number: 03C1558323 Project Manager: BEN BELILL Fax To:	Reported: 06-Nov-24 16:21

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4103027 - General Prep - Organics										
Blank (4103027-BLK1)				Prepared: 30-Oct-24 Analyzed: 31-Oct-24						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*50.5*		mg/kg	*50.0*		*101*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*50.5*		mg/kg	*50.0*		*101*	*49.1-148*			
LCS (4103027-BS1)				Prepared: 30-Oct-24 Analyzed: 31-Oct-24						
GRO C6-C10	204	10.0	mg/kg	200		102	81.5-123			
DRO >C10-C28	183	10.0	mg/kg	200		91.3	77.7-122			
Total TPH C6-C28	386	10.0	mg/kg	400		96.6	80.9-121			
Surrogate: 1-Chlorooctane	*52.8*		mg/kg	*50.0*		*106*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*50.0*		mg/kg	*50.0*		*100*	*49.1-148*			
LCS Dup (4103027-BSD1)				Prepared: 30-Oct-24 Analyzed: 31-Oct-24						
GRO C6-C10	207	10.0	mg/kg	200		104	81.5-123	1.72	13	
DRO >C10-C28	168	10.0	mg/kg	200		84.1	77.7-122	8.22	15.6	
Total TPH C6-C28	376	10.0	mg/kg	400		93.9	80.9-121	2.86	18.5	
Surrogate: 1-Chlorooctane	*55.6*		mg/kg	*50.0*		*111*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*51.5*		mg/kg	*50.0*		*103*	*49.1-148*			

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H246605	*																	
1	FS01 37	1	C	1			✓					✓		10/29/24	0854	✓	✓	✓
2	FS02 38	1	C	1			✓					✓			0858	✓	✓	✓
3	FS03 39	1	C	1			✓					✓			0922	✓	✓	✓
4	FS04 40	1	C	1			✓					✓			0925	✓	✓	✓
5	FS05 41	1	C	1			✓					✓			0928	✓	✓	✓
6	FS06 42	1	C	1			✓					✓			0930	✓	✓	✓
7	FS02 43	1	C	1			✓					✓			0932	✓	✓	✓
8	FS08 44	1	C	1			✓					✓			0934	✓	✓	✓
9	FS09 45	1	C	1			✓					✓			0936	✓	✓	✓
10	SW12	0-1	C	1			✓					✓			0938	✓	✓	✓

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Relinquished By:	Date: 10/30/24	Received By: SRodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1046		All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident Number: nAPP2402531559, nAPP2402633992 * Customer Requested ID changes. TO: 11/4/24
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 3.8	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials) SR
			Turnaround Time: #140 - 0.4 Standard ☐ Rush ☑ 48 hr Thermometer ID #113 Correction Factor -0.5°C
			Bacteria (only) Sample Condition Cool: Yes / No Intact: Yes / No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2022

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY					MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chlorides
H246605 11	SW13	0-1	C	1			✓					✓		10/29/24	0940	✓	✓	✓

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Relinquished By:	Date: 10/30/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1040		All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913
Delivered By: (Circle One)	Observed Temp. °C 3.4	Sample Condition Cool Intact	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C 2.8	☐ Yes ☐ Yes ☐ No ☐ No	

Turnaround Time: Standard ☐ Rush ☑ #140 - 0.4 Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C 4.4 Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 01, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 10/31/24 16:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	10/31/2024	Sampling Date:	10/31/2024
Reported:	11/01/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 03 9' (H246663-01)

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	11/01/2024	ND	1.90	95.0	2.00	0.0101	
Toluene*	<0.050	0.050	11/01/2024	ND	1.95	97.5	2.00	0.843	
Ethylbenzene*	<0.050	0.050	11/01/2024	ND	1.96	97.8	2.00	0.933	
Total Xylenes*	<0.150	0.150	11/01/2024	ND	5.81	96.8	6.00	1.36	
Total BTEX	<0.300	0.300	11/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/01/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	208	104	200	3.32	
DRO >C10-C28*	<10.0	10.0	11/01/2024	ND	211	105	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	11/01/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	**P.O. #:**
Address: 3122 National Parks Hwy	**Company:** XTO Energy
City: Carlsbad **State:** NM **Zip:** 88220	**Attn:** Colton Brown
Phone #: 989-854-0852 **Fax #:**	**Address:** 3104 E Greene St.
Project #: 03C1558323 **Project Owner:**	**City:** Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	**State:** NM **Zip:** 88220
Project Location: 32.21345, -103.85032	**Phone #:** 575-988-2390
Sampler Name: Mario Sarkis	**Fax #:**

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST													
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chlorides											
H244003	PH03	9	G	1			✓					✓		10/31/24	1000	✓	✓	✓											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 10/31/24	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1133		**All Results are emailed. Please provide Email address:** bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** Incident Number: nAPP2402531559, nAPP2402633992
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 2.8	**Sample Condition** Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No	**CHECKED BY: (Initials)** AD
			Turnaround Time: Standard ☐ Rush ☑ 24 hr **Thermometer ID** #113 #140 **Correction Factor** -0.5°C -0.6
			Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 05, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 11/04/24 13:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/04/2024	Sampling Date:	11/04/2024
Reported:	11/05/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 48 0.5 (H246706-01)

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	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/05/2024	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	11/05/2024	ND	187	93.5	200	23.1	
DRO >C10-C28*	**52.8**	10.0	11/05/2024	ND	176	88.1	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane *99.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/04/2024	Sampling Date:	11/04/2024
Reported:	11/05/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 49 0.5 (H246706-02)

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	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/05/2024	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	11/05/2024	ND	187	93.5	200	23.1	
DRO >C10-C28*	**58.3**	10.0	11/05/2024	ND	176	88.1	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/04/2024	Sampling Date:	11/04/2024
Reported:	11/05/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 50 0.5 (H246706-03)

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	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/05/2024	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	11/05/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/04/2024	Sampling Date:	11/04/2024
Reported:	11/05/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 51 0.5 (H246706-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	11/05/2024	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	11/05/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane *95.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/04/2024	Sampling Date:	11/04/2024
Reported:	11/05/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 15 0-0.5 (H246706-05)

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	11/05/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/05/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/05/2024	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	11/05/2024	ND	224	112	200	5.44	
DRO >C10-C28*	**12.8**	10.0	11/05/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane *97.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 255 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chlorides
H246706																		
1	FS48	0.5	C	1			✓					✓		11/4/24	0933	✓	✓	✓
2	FS49	0.5	C	1			✓					✓			0937	✓	✓	✓
3	FS50	0.5	C	1			✓					✓			0940	✓	✓	✓
4	FS51	0.5	C	1			✓					✓			0945	✓	✓	✓
5	SW15	0-0.5	C	1			✓					✓			0957	✓	✓	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 11/4/24 Time: 1312	Received By: SRodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
			REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
			Cost Center: 2210251001 Facility Number: fAPP2325847913
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.8 Corrected Temp. °C 3.2	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) SR
			Turnaround Time: Standard ☐ Rush ☑ 24-hr #H0 -0.6 Thermometer ID #113 Correction Factor -0.5°C
			Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 07, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 11/06/24 11:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/06/2024	Sampling Date:	11/06/2024
Reported:	11/07/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 46 0.5' (H246753-01)

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	11/06/2024	ND	2.07	103	2.00	1.13	
Toluene*	<0.050	0.050	11/06/2024	ND	2.11	105	2.00	1.30	
Ethylbenzene*	<0.050	0.050	11/06/2024	ND	2.11	106	2.00	0.716	
Total Xylenes*	<0.150	0.150	11/06/2024	ND	6.26	104	6.00	0.782	
Total BTEX	<0.300	0.300	11/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/07/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	200	99.8	200	0.00451	
DRO >C10-C28*	**20.6**	10.0	11/06/2024	ND	195	97.6	200	0.257	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/06/2024	Sampling Date:	11/06/2024
Reported:	11/07/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 47 0.5' (H246753-02)

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	11/06/2024	ND	2.07	103	2.00	1.13	
Toluene*	<0.050	0.050	11/06/2024	ND	2.11	105	2.00	1.30	
Ethylbenzene*	<0.050	0.050	11/06/2024	ND	2.11	106	2.00	0.716	
Total Xylenes*	<0.150	0.150	11/06/2024	ND	6.26	104	6.00	0.782	
Total BTEX	<0.300	0.300	11/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/07/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	200	99.8	200	0.00451	
DRO >C10-C28*	**46.4**	10.0	11/06/2024	ND	195	97.6	200	0.257	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/06/2024	Sampling Date:	11/06/2024
Reported:	11/07/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 14 0-0.5' (H246753-03)

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	11/06/2024	ND	2.07	103	2.00	1.13	
Toluene*	<0.050	0.050	11/06/2024	ND	2.11	105	2.00	1.30	
Ethylbenzene*	<0.050	0.050	11/06/2024	ND	2.11	106	2.00	0.716	
Total Xylenes*	<0.150	0.150	11/06/2024	ND	6.26	104	6.00	0.782	
Total BTEX	<0.300	0.300	11/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/07/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	200	99.8	200	0.00451	
DRO >C10-C28*	**1860**	10.0	11/06/2024	ND	195	97.6	200	0.257	
EXT DRO >C28-C36	**345**	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 261 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC		**BILL TO**	
Project Manager: Ben Belill		P.O. #:	
Address: 3122 National Parks Hwy		Company: XTO Energy	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 989-854-0852	Fax #:	Address: 3104 E Greene St.	
Project #: 03C1558323	Project Owner:	City: Carlsbad	
Project Name: PLU 23 Dog Town Draw CVB		State: NM Zip: 88220	
Project Location: 32.21345, -103.85032		Phone #: 575-988-2390	
Sampler Name: Mario Sarkis		Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H246753												✓						
1	FS46	0.5	C	1			✓					✓		11/6/24	0940	✓	✓	✓
2	FS47	0.5	C	1			✓					✓			0913	✓	✓	✓
3	SW14	0-0.5	C	1			✓					✓		↓	0918	✓	✓	✓

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Relinquished By:	Date: 11/6/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1130		All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.4 Corrected Temp. °C 3.8	Sample Condition Cool Intact ☐ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☐ Rush ☑ 24-hr Thermometer ID #113 Correction Factor -0.5°C -0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C / Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 08, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 11/07/24 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 57 1' (H246815-01)

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	11/07/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/07/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	**102**	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	**19.0**	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *99.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 62 1' (H246815-02)

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	11/07/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/07/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 63 1' (H246815-03)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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Page 267 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY					MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chlorides
H246815																		
1	FS57	1	C	1			✓					✓		11/7/24	1035	✓	✓	✓
2	FS62	1	C	1			✓					✓			1108	✓	✓	✓
3	FS63	1	C	1			✓					✓		↓	1111	✓	✓	✓

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Relinquished By:	Date: 11/7/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1537		All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C AP 0.3 Corrected Temp. °C -0.3	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) AD
			Turnaround Time: Standard ☐ Rush ☑ 24-hr Thermometer ID #113 Correction Factor -0.5°C
			Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 08, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 11/07/24 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 52 1 (H246816-01)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 53 1 (H246816-02)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 54 1 (H246816-03)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 55 1 (H246816-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 56 1 (H246816-05)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 58 1 (H246816-06)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 59 1 (H246816-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 60 1 (H246816-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 61 1 (H246816-09)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 64 1 (H246816-10)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 65 1 (H246816-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 66 1 (H246816-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	11/08/2024	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	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	**15.4**	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 67 1 (H246816-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/08/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 68 1 (H246816-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/08/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 69 1 (H246816-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/08/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	**21.5**	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 70 1 (H246816-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/08/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 16 0-1 (H246816-17)

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	11/08/2024	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	2.82	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.17	109	2.00	3.08	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.47	108	6.00	3.20	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/08/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	202	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	204	102	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SW 17 0-1 (H246816-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2024	ND	2.13	107	2.00	5.04	
Toluene*	<0.050	0.050	11/07/2024	ND	2.27	113	2.00	8.01	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.45	122	2.00	10.2	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.42	124	6.00	10.7	
Total BTEX	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	11/08/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	213	106	200	3.99	
DRO >C10-C28*	**79.7**	10.0	11/07/2024	ND	209	105	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chlorides
H246816												✓						
1	FS52	1	C	1			✓					✓		11/7/24	1025	✓	✓	✓
2	FS53	1	C	1			✓					✓			1027	✓	✓	✓
3	FS54	1	C	1			✓					✓			1029	✓	✓	✓
4	FS55	1	C	1			✓					✓			1032	✓	✓	✓
5	FS56	1	C	1			✓					✓			1034	✓	✓	✓
6	FS58	1	C	1			✓					✓			1041	✓	✓	✓
7	FS59	1	C	1			✓					✓			1047	✓	✓	✓
8	FS60	1	C	1			✓					✓			1049	✓	✓	✓
9	FS61	1	C	1			✓					✓			1052	✓	✓	✓
10	FS64	1	C	1			✓					✓			1112	✓	✓	✓

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Relinquished By:	Date: 11/7/24 Time: 1537	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
			REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
			Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.3 Corrected Temp. °C 0.3	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ Thermometer ID #113 #140 Correction Factor -0.5°C -0.67 24-hr
				Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

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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

2 of

Company Name: Ensolum, LLC		**BILL TO**	
Project Manager: Ben Belill		P.O. #:	
Address: 3122 National Parks Hwy		Company: XTO Energy	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 989-854-0852	Fax #:	Address: 3104 E Greene St.	
Project #: 03C1558323	Project Owner:	City: Carlsbad	
Project Name: PLU 23 Dog Town Draw CVB		State: NM Zip: 88220	
Project Location: 32.21345, -103.85032		Phone #: 575-988-2390	
Sampler Name: Mario Sarkis		Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H246816																		
11	FS65	1	C	1			✓					✓		11/7/24	1114	✓	✓	✓
12	FS66	1	C	1			✓					✓			1117	✓	✓	✓
13	FS67	1	C	1			✓					✓			1121	✓	✓	✓
14	FS68	1	C	1			✓					✓			1127	✓	✓	✓
15	FS69	1	C	1			✓					✓			1128	✓	✓	✓
16	FS70	1	C	1			✓					✓			1131	✓	✓	✓
17	SW16	0-1	C	1			✓					✓			1136	✓	✓	✓
18	SW17	0-1	C	1			✓					✓			1140	✓	✓	✓

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Relinquished By:	Date: 11/7/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1537		All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One)	Observed Temp. °C 0.3	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.3	☑ Yes ☑ Yes ☐ No ☐ No	AD	Thermometer ID #113 #140 24-hr Correction Factor -0.5°C -0.8

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C / Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 11, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 11/07/24 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: BF 01 (H246817-01)

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	11/08/2024	ND	2.10	105	2.00	7.93	
Toluene*	<0.050	0.050	11/08/2024	ND	2.16	108	2.00	7.75	
Ethylbenzene*	<0.050	0.050	11/08/2024	ND	2.16	108	2.00	7.36	
Total Xylenes*	<0.150	0.150	11/08/2024	ND	6.42	107	6.00	7.43	
Total BTEX	<0.300	0.300	11/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	204	102	200	0.130	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	184	91.8	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane *66.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 293 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	BILL TO
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E. Green St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2340
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chlorides											
H246817 1	BF01	—	G	1			✓					✓		11/7/24	1410	✓	✓	✓											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 11/7/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1537		All Results are emailed. Please provide Email address: bbelill@ensolum.com/kthompson@ensolum.com/msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident #: nAPP2402531554/nAPP2402633492
	Time:		Cost center: 2210251001

Delivered By: (Circle One)	Observed Temp. °C 0.3	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ TAT Rush ☑	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C -0.3	☑ Yes ☐ Yes ☐ No ☐ No	MD	Thermometer ID #113 #140 48-hr Correction Factor -0.5°C 0.63	☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 18, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 11/15/24 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/15/2024	Sampling Date:	11/15/2024
Reported:	11/18/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 57 1 (H246988-01)

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	11/15/2024	ND	2.10	105	2.00	3.19	
Toluene*	<0.050	0.050	11/15/2024	ND	2.31	116	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.58	129	2.00	13.9	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	7.83	130	6.00	14.8	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/18/2024	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	11/16/2024	ND	212	106	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/16/2024	ND	196	97.8	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	11/16/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H24[illegible]88	FS57	1	C	1			✓					✓		11/15/24	0911	✓	✓	✓
1																		

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 11/15/24	Received By:	
	Time: 1300		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:
bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com

REMARKS: Incident Number: nAPP2402531559, nAPP2402633992

Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One)	Observed Temp. °C 1.0	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.0	☑ Yes ☑ Yes ☐ No ☐ No	AD	Thermometer ID #113 #140 Correction Factor -0.5°C 0.0

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 04, 2024

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 12/02/24 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: CS 01 0.5 (H247303-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.02	101	2.00	4.79	
Toluene*	<0.050	0.050	12/03/2024	ND	2.09	105	2.00	4.65	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	4.56	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.19	103	6.00	4.71	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/03/2024	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	12/03/2024	ND	185	92.4	200	3.96	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	84.8	200	9.36	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane *77.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
BEN BELILL
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: CS 02 0.5 (H247303-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.02	101	2.00	4.79	
Toluene*	<0.050	0.050	12/03/2024	ND	2.09	105	2.00	4.65	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	4.56	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.19	103	6.00	4.71	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/03/2024	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	12/03/2024	ND	185	92.4	200	3.96	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	84.8	200	9.36	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane *86.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 302 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Ben Belill
Address: 3122 National Parks Hwy
City: Carlsbad State: NM Zip: 88220
Phone #: 989-854-0852 Fax #:
Project #: 03C1558323 Project Owner:
Project Name: PLU 23 Dog Town Draw CVB
Project Location: 32.21345, -103.85032
Sampler Name: Mario Sarkis

BILL TO

P.O. #:
Company: XTO Energy
Attn: Colton Brown
Address: 3104 E Greene St.
City: Carlsbad
State: NM Zip: 88220
Phone #: 575-988-2390
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H247303																		
1	CS01	0.5	C	1			✓					✓		12/2/24	0932	✓	✓	✓
2	CS02	0.5	C	1			✓					✓		↓	0957	✓	✓	✓

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Relinquished By:	Date: 12/2/24 Time: 1330	Received By:
Relinquished By:	Date: Time:	Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 4.8 Corrected Temp. °C 3.7
Sample Condition Cool Intact: ☐ Yes ☐ Yes / ☐ No ☐ No
CHECKED BY: (Initials)
Turnaround Time: Standard ☐ Rush ☑ 12-3-24 AT 1400 48-hr
Thermometer ID #113 Correction Factor -0.5°C -0.4
Bacteria (only) Sample Condition: Cool Intact ☐ Yes ☐ Yes / ☐ No ☐ No
Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 04, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 12/02/24 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SS 07 0.5 (H247304-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.02	101	2.00	4.79	
Toluene*	<0.050	0.050	12/03/2024	ND	2.09	105	2.00	4.65	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	4.56	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.19	103	6.00	4.71	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/03/2024	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	12/03/2024	ND	185	92.4	200	3.96	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	84.8	200	9.36	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane *76.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SS 08 0.5 (H247304-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.02	101	2.00	4.79	
Toluene*	<0.050	0.050	12/03/2024	ND	2.09	105	2.00	4.65	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	4.56	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.19	103	6.00	4.71	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	12/03/2024	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	12/03/2024	ND	185	92.4	200	3.96	
DRO >C10-C28*	**47.0**	10.0	12/03/2024	ND	170	84.8	200	9.36	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane *96.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SS 09 0.5 (H247304-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.02	101	2.00	4.79	
Toluene*	<0.050	0.050	12/03/2024	ND	2.09	105	2.00	4.65	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	4.56	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.19	103	6.00	4.71	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/03/2024	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	12/03/2024	ND	185	92.4	200	3.96	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	84.8	200	9.36	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane *85.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/02/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21345,-103.85032		

Sample ID: SS 10 0.5 (H247304-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.02	101	2.00	4.79	
Toluene*	<0.050	0.050	12/03/2024	ND	2.09	105	2.00	4.65	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	4.56	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.19	103	6.00	4.71	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/03/2024	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	12/03/2024	ND	185	92.4	200	3.96	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	170	84.8	200	9.36	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Colton Brown
Phone #: 989-854-0852 Fax #:	Address: 3104 E Greene St.
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: PLU 23 Dog Town Draw CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 575-988-2390
Sampler Name: Mario Sarkis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chlorides
H247304												✓						
1	SS07	0.5	G	1			✓					✓		12/2/24	0941	✓	✓	✓
2	SS08	0.5	G	1			✓					✓			0945	✓	✓	✓
3	SS09	0.5	G	1			✓					✓			0952	✓	✓	✓
4	SS10	0.5	G	1			✓					✓			1009	✓	✓	✓

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Relinquished By:	Date: 12/2/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1330		All Results are emailed. Please provide Email address: bbelill@ensolum.com / tmorrisey@ensolum.com / kthompson@ensolum.com / msarkis@ensolum.com
Relinquished By:	Date:	Received By:	REMARKS: Incident Number: nAPP2402531559, nAPP2402633992
	Time:		Cost Center: 2210251001 Facility Number: fAPP2325847913

Delivered By: (Circle One)	Observed Temp. °C 4.3	Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ 48-hr
Sampler - UPS - Bus - Other:	Corrected Temp. °C 3.7			Thermometer ID #113 #140 Correction Factor -0.5°C -0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C ____ Corrected Temp. °C ____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 09, 2025

JEREMY REICH

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 04/03/25 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345-103.85032		

Sample ID: PH 04 A 8.5' (H251977-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	2.06	103	2.00	4.89	
Toluene*	<0.050	0.050	04/06/2025	ND	2.19	109	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.51	125	2.00	5.98	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	7.67	128	6.00	6.85	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *128 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	194	97.1	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *72.6 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345-103.85032		

Sample ID: PH 11 0.5' (H251977-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	2.06	103	2.00	4.89	
Toluene*	<0.050	0.050	04/06/2025	ND	2.19	109	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.51	125	2.00	5.98	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	7.67	128	6.00	6.85	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *133 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	194	97.1	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					

Surrogate: 1-Chlorooctane *84.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *75.7 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345-103.85032		

Sample ID: PH 11 H 8.5' (H251977-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	2.06	103	2.00	4.89	
Toluene*	<0.050	0.050	04/06/2025	ND	2.19	109	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.51	125	2.00	5.98	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	7.67	128	6.00	6.85	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	194	97.1	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *80.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345-103.85032		

Sample ID: PH 10 0.5' (H251977-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	2.06	103	2.00	4.89	
Toluene*	<0.050	0.050	04/06/2025	ND	2.19	109	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.51	125	2.00	5.98	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	7.67	128	6.00	6.85	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *126 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	04/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2025	ND	194	97.1	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/04/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2025	ND					

Surrogate: 1-Chlorooctane *84.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *75.3 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345-103.85032		

Sample ID: PH 10 A 1' (H251977-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	2.06	103	2.00	4.89	
Toluene*	<0.050	0.050	04/06/2025	ND	2.19	109	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.51	125	2.00	5.98	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	7.67	128	6.00	6.85	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2025	ND	194	97.1	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/05/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	04/05/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *81.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2025	Sampling Date:	04/01/2025
Reported:	04/09/2025	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345-103.85032		

Sample ID: PH 10 H 8.5' (H251977-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	2.06	103	2.00	4.89	
Toluene*	<0.050	0.050	04/06/2025	ND	2.19	109	2.00	4.10	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.51	125	2.00	5.98	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	7.67	128	6.00	6.85	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *126 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/04/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2025	ND	194	97.1	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/05/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	04/05/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *75.2 %* *40.6-153*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 318 of 444

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Jeremy Reech
Address: 601 N Marienfeld Street, Suite 400
City: Midland State: TX Zip: 79701
Phone #: 432 296 0627 Fax #:
Project #: 03C155 8323 Project Owner: XTO Energy - SPILLS
Project Name: PLU 23 DTD CVB
Project Location: 32.21345, -103.85032
Sampler Name: Evan Moon

BILL TO
P.O. #:
Company: XTO Energy, Inc
Attn: Colton Brown
Address: 3104 E Greene St
City: Carlsbad
State: NM Zip: 88220
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500
H257977												✓						
1	PH04A	8.5	G	1			✓					✓		4-1-25	930	✓	✓	✓
2	PH11	.5	G	1			✓					✓		4-1-25	1002	✓	✓	✓
3	PH11A	8.5	G	1			✓					✓		4-1-25	1030	✓	✓	✓
4	PH10	.5	G	1			✓					✓		4-1-25	1036	✓	✓	✓
5	PH10A	1	G	1			✓					✓		4-1-25	1038	✓	✓	✓
6	PH10A	8.5	G	1			✓					✓		4-1-25	1106	✓	✓	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Evan Moon Date: 4-3-25 Time: 1315
Received By: Tamara Oldaker
Relinquished By: Date: Time:
Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: jreech@ensolum.com
BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com

REMARKS: Incident Number: nAPP2402531559 nAPP2402633942
Cost Center: 2210251001
GFCM: 48605000

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.3
Corrected Temp. °C 1.6
Sample Condition: Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) CK

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

ENSOLUM

APPENDIX E

August 5, 2024, Remediation Work Plan

ENSOLUM

July 15, 2024

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Remediation Work Plan
PLU 23 Dog Town Draw CVB
Incident Number NAPP2402531559 & NAPP2402633992
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 assessment and delineation activities completed to date and proposes remedial actions to address impacted soil identified at the PLU 23 Dog Town Draw CVB (Site). The purpose of the Site assessment and delineation activities was to determine the presence or absence of impacted soil resulting from two releases of crude oil and vented natural gas at the Site. The following *Work Plan* proposes to excavate accessible impacted soil.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit O, Section 14, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.21343°, -103.85057°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 14, 2024, a valve froze resulting in the release of 135 barrels (bbls) of crude oil and 261 thousand cubic feet (Mcf) of vented natural gas onto the surface of the well pad and into the adjacent pasture. A vacuum truck was dispatched to the Site to recover free standing fluids, and approximately 101 bbls of released fluids were recovered. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via email and submitted an Initial C-141 Application (C-141) on January 25, 2024. The release was assigned Incident Number NAPP2402531559.

On January 15, 2024, another valve froze resulting in the release of 35 bbls of crude oil and 68 Mcf of vented natural gas onto the surface of the well pad and into the adjacent pasture. A vacuum truck was dispatched to the Site to recover free standing fluids, and approximately 25 bbls of released fluids were recovered. XTO immediately reported the release to the NMOCD via email and submitted a C-141 on January 26, 2024. The release was assigned Incident Number NAPP2402633992.

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.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. In January 2022, a soil

boring permitted by New Mexico Office of the State Engineer (C-4575) was completed approximately 0.21 miles southeast of the Site utilizing hollow stem auger method. Soil boring C-4575 was drilled to a depth of 105 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 1,771 feet south of the Site. There is a seasonal dry wash 1,950 feet north of the Site. The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of pasture area that was impacted by the releases, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND SOIL SAMPLING ACTIVITIES

On March 5, 2024, Ensolum personnel conducted a Site assessment to evaluate the release extent based on information provided on the C-141, information provided by XTO, and visual observations. The release extent area was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. Because the releases occurred in the same vicinity around the same time, the release was mapped as a single extent. Six assessment soil samples (SS01 through SS06) were collected at a depth of 0.5 feet bgs outside of the release extent. The assessment soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. A photographic log of the initial Site assessment is included in Appendix B.

On March 27 and 28, 2024, Ensolum returned to the Site to oversee delineation activities. Nine potholes (PH01 through PH09) were advanced via heavy equipment and shovel to investigate the vertical extent of the releases. The potholes were advanced to depths ranging from 2 feet to 9 feet bgs. Discrete soil samples were collected from each pothole at depths ranging from 0.5 feet to 9 feet bgs. Composite soil sampling of the pasture area was completed (FS01 through FS19). All delineation soil samples were

field screened by the same methods as stated above. A photographic log of delineation activities is included in Appendix B. Field screening results and observations for all potholes were logged on lithologic/soil sampling logs, which are included as Appendix C. The soil sample locations were mapped utilizing a handheld GPS unit and the delineation soil sample locations are depicted on Figure 2, while the composite soil sample locations are depicted on Figure 3.

On May 9 and 10, 2024, Ensolum returned to the Site to oversee additional delineation activities after receiving the results of the composite soil samples collected from the pasture area. Six boreholes (BH01 through BH06) were advanced by hand auger to investigate the vertical extent of the release in the pasture area. The boreholes were advanced to depths of 4 feet bgs. Discrete soil samples were collected from each borehole at depths ranging from 0.5 feet to 4 feet bgs. All delineation soil samples were field screened by the methods as stated above. The soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 2. A photographic log of delineation activities is included in Appendix B. Field screening results and observations for all boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

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 EPA Method SM4500.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for assessment soil samples SS01 through SS06 indicated they were in compliance with Closure Criteria and reclamation standards, confirming lateral delineation of the releases.

Laboratory analytical results for delineation soil samples PH01 through PH03, collected at 0.5 feet and 1-foot bgs, indicated the TPH-GRO/TPH-DRO and total TPH concentrations exceeded the Closure Criteria but were in compliance for total TPH at depths ranging from 8 feet to 9 feet bgs. PH03 exceeded Closure Criteria for TPH-GRO/TPH-DRO at the terminal depth of 8.5 feet bgs due to backhoe refusal. Laboratory analytical results for delineation soil sample PH04 indicated the TPH-GRO/TPH-DRO and total TPH concentrations exceeded the Closure Criteria at 0.5 feet bgs but was in compliance at 1-foot and 7 feet bgs. Delineation samples PH05, PH06, and PH08 indicated they were in compliance with Closure Criteria. Laboratory analytical results for delineation samples PH07 and PH09 indicated at 0.5 feet bgs they met Closure Criteria but exceeded reclamation requirements for TPH concentrations.

Laboratory analytical results for the delineation samples BH03 and BH05 at 0.5 feet bgs exceeded reclamation requirements but were in compliance with reclamation requirements by 2 feet bgs. Delineation samples BH01, BH02, BH04, and BH06 were all in compliance with reclamation requirements for depths ranging from 0.5 feet to 4 feet bgs.

The confirmation soil sample laboratory analytical results indicated the total TPH concentrations exceeded reclamation requirements, with the exception of FS10, FS14, and FS17, which are in compliance with reclamation requirements.

Laboratory analytical results for all samples collected indicated chloride concentrations were in compliance with Closure Criteria and reclamation requirements. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included in Appendix D.

PROPOSED REMEDIATION WORK PLAN

Site assessment and delineation activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the releases of crude oil and vented natural gas. Based on laboratory analytical results, TPH-GRO/TPH-DRO and TPH impacted soil exists across an approximate 28,300 square-foot area within the release footprint at depths ranging from 0.5 feet bgs to an exceedance of 8.5 feet bgs. Due to backhoe refusal at 8.5 feet bgs in PH03, vertical definition was not achieved under the Closure Criteria. While the vertical extent of the release is not fully established in the area of PH03, it is established in all other potholes to Site Closure Criteria. The lateral extent of the release is defined through laboratory analytical results of soil samples SS01 through SS06.

XTO proposes to complete the following remediation activities:

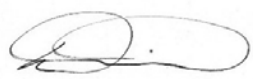
- Excavation of petroleum hydrocarbon impacted soil. Excavation will proceed laterally until sidewall samples confirm all COC concentrations are compliant with the Closure Criteria as well as reclamation requirements for the top 4 feet, where applicable. Based on laboratory analytical results from PH01 and PH02 at depths ranging from 8 to 9 feet bgs, Ensolum anticipates the excavation to extend to a depth of at least 8.5 feet bgs in these areas and in doing so, achieve full definition through the collection of floor and sidewall confirmation soil samples. XTO safety policy restricts soil disturbing activities within a 2-foot radius of any active production equipment which may limit access to portions of impacted soil. The proposed excavation extent is depicted on Figure 4.
- Due to the estimated size of the excavation, XTO requests a variance for frequency of excavation confirmation samples. XTO proposes five-point composite samples to be collected at a sampling frequency of 400 square feet along the excavation floor and sidewalls. The proposed sampling frequency would reduce the total amount of samples from approximately 130 samples (200 square feet) to approximately 68 samples. The soil samples will be handled as described above and analyzed for all COCs.
- An estimated 2,000 cubic yards of impacted soil will be excavated. The excavated soil will be transferred to a New Mexico approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing Site conditions and the pasture area will be reseeded with a BLM-approved seed mixture.

XTO believes this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD. XTO will complete the excavation and soil sampling activities within 90 days of the date of approval of this *Work Plan* by the NMOCD or within 90 days of when XTO production operations is discharged from the Site, whichever comes first.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely,
Ensolum, LLC





Tracy Hillard
Staff Engineer

Daniel Moir, PG
Senior Managing Geologist

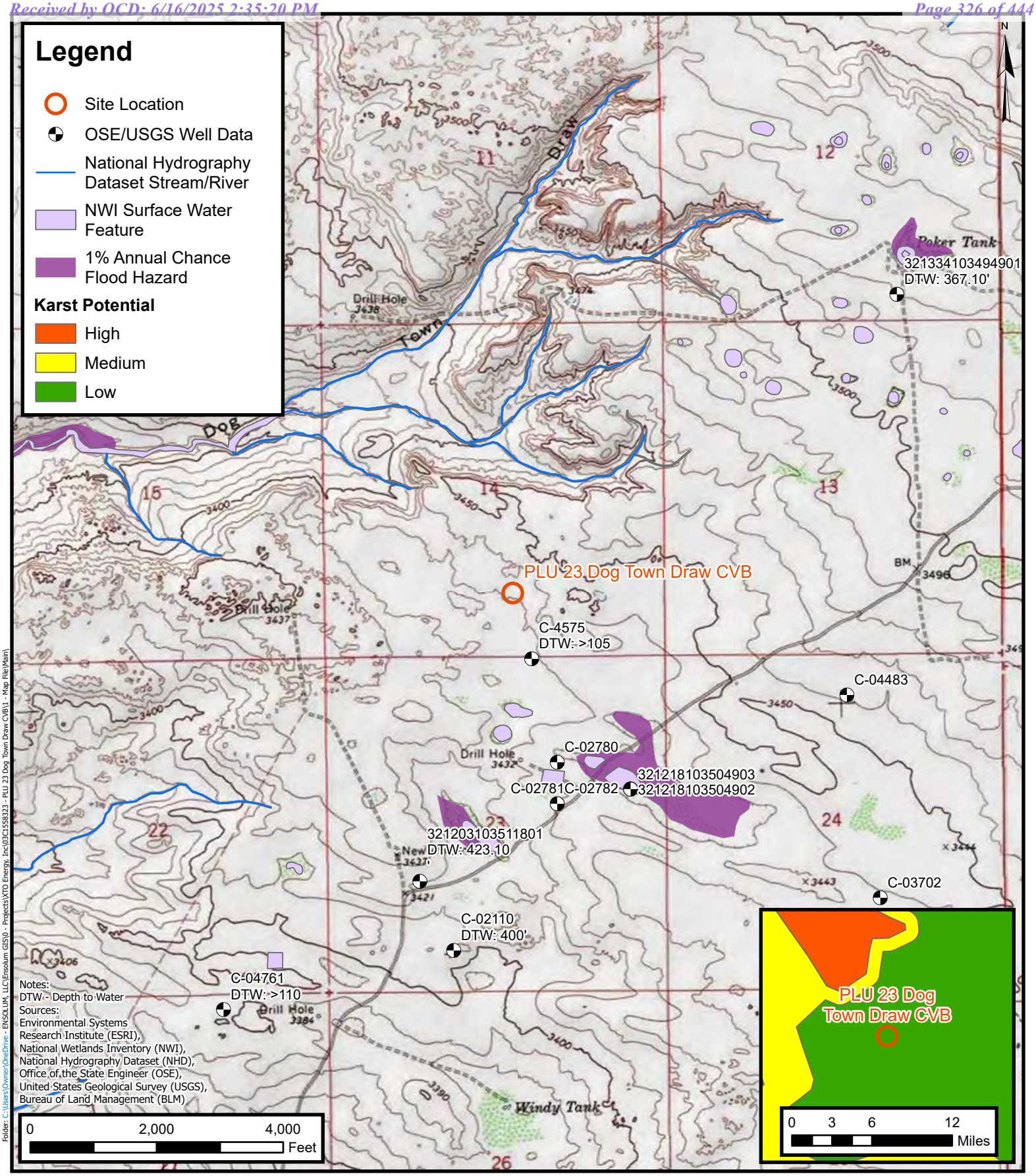
cc: Amy Ruth, XTO
Amanda Garcia, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Composite Soil Sample Locations
Figure 4	Proposed Excavation Extent
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

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FIGURES

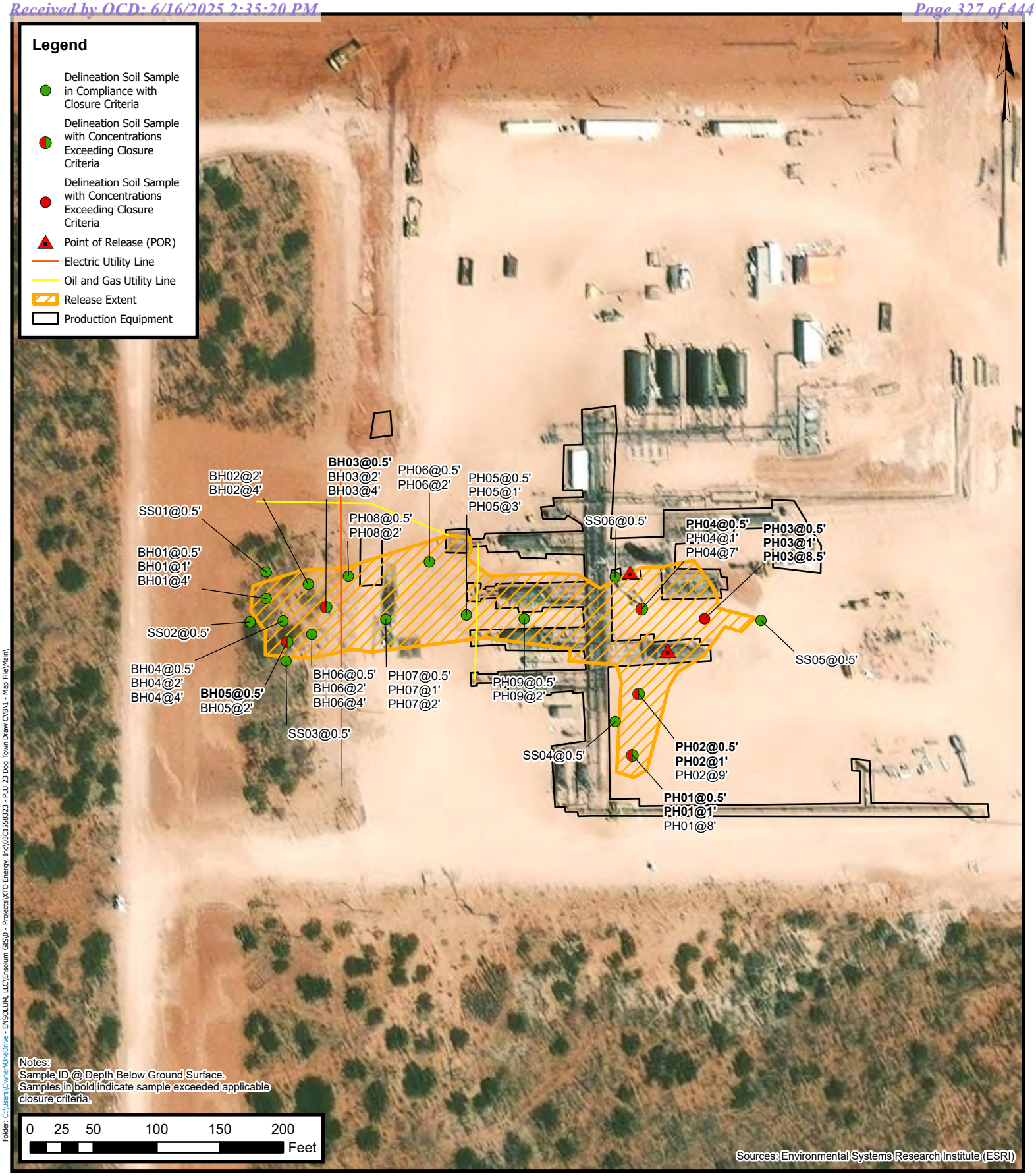


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Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Numbers: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T24S, R30E
Eddy County, NM

FIGURE 1



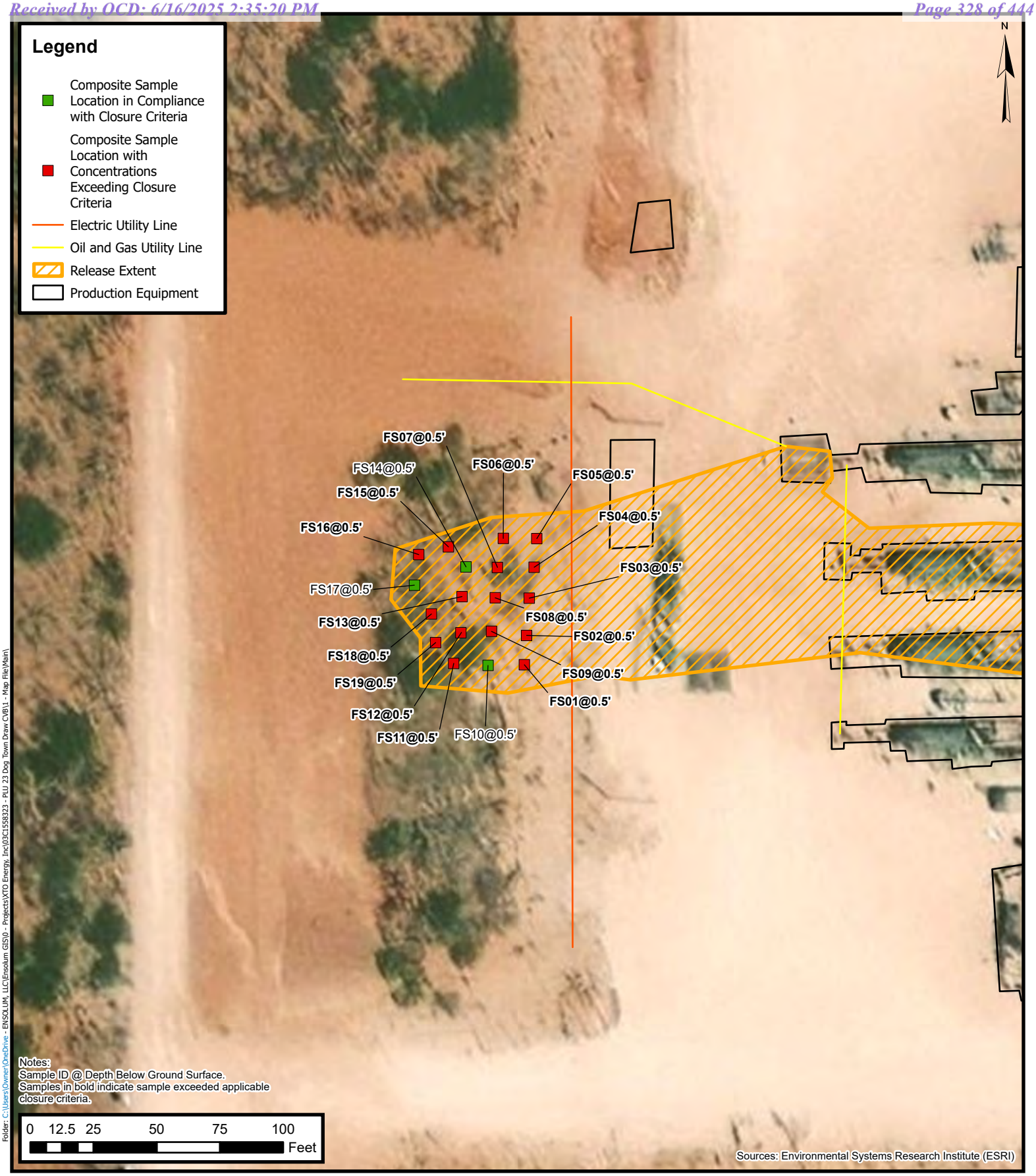
Folder: C:\Users\Owner\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\XTO Energy, Inc\03C1558323 - PLU 23 Dog Town Draw CVB\1 - Map File\Main\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Locations

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Numbers: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T24S, R30E
Eddy County, NM

FIGURE 2



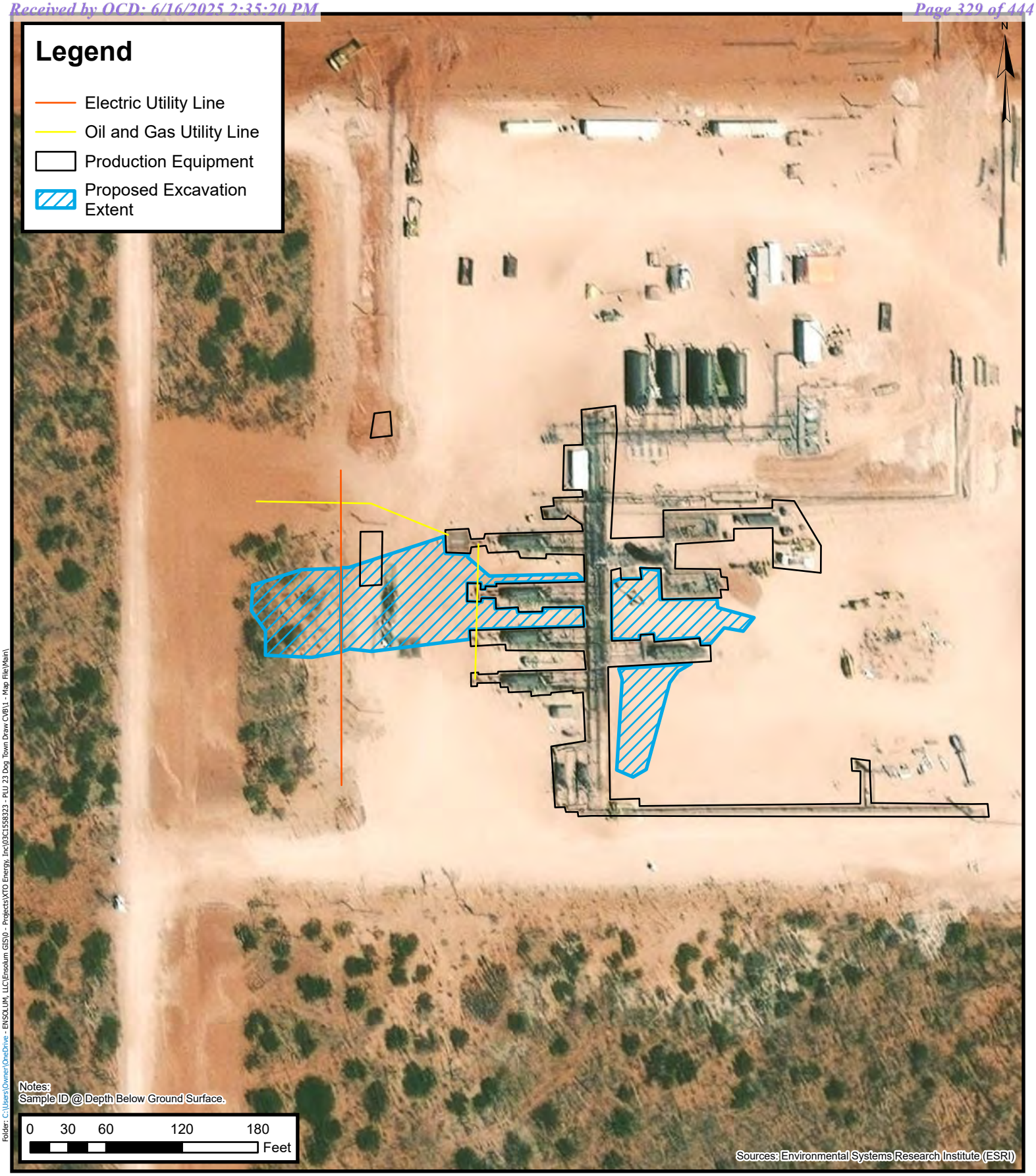
Folder: C:\Users\Owner\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\XTO Energy, Inc\03C1558323 - PLU 23 Dog Town Draw CVB\1 - Map File\Main\

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Composite Soil Sample Locations

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Numbers: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T24S, R30E
Eddy County, NM

FIGURE 3



ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Proposed Excavation Extent

XTO Energy, Inc
PLU 23 Dog Town Draw CVB
Incident Numbers: nAPP2402531559 & nAPP2402633992
Unit O, Sec 14, T24S, R30E
Eddy County, NM

FIGURE 4

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	03/05/2024	0.5	<0.050	<0.300	<10.0	33.5	<10.0	33.5	33.5	32.0
SS03	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS05	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS06	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
PH01	03/27/2024	0.5	<1.00	**103**	2,610	20,400	2,860	**23,000**	**25,900**	80.0
PH01	03/27/2024	1	<5.00	**313**	6,420	12,100	1,500	**18,500**	**20,000**	64.0
PH01	03/27/2024	8	<0.050	<0.300	<10.0	35.3	<10.0	35.3	35.3	16.0
PH02	03/27/2024	0.5	<2.00	**148**	7,600	30,000	4,430	**37,600**	**42,000**	32.0
PH02	03/27/2024	1	7.28	**213**	5,320	8,200	1,040	**13,500**	**14,600**	16.0
PH02	03/27/2024	9	<0.050	<0.300	<10.0	59.5	13.3	59.5	72.8	<16.0
PH03	03/27/2024	0.5	<1.00	**111**	3,610	30,700	5,000	**34,300**	**39,300**	160
PH03	03/27/2024	1	1.92	**162**	3,420	7,350	930	**10,800**	**11,700**	48.0
PH03	03/27/2024	8.5	0.066	8.87	312	1,690	275	**2,000**	2,280	32.0
PH04	03/27/2024	0.5	<5.00	**311**	7,980	19,000	2,420	**27,000**	**29,400**	48.0
PH04	03/27/2024	1	<0.050	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
PH04	03/27/2024	7	<0.050	0.384	22.2	322	40.0	344	384	16.0
PH05	03/27/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
PH05	03/27/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
PH05	03/27/2024	3	<0.050	<0.300	<10.0	17.2	<10.0	17.2	17.2	48.0
PH06	03/27/2024	0.5	<0.050	<0.300	<10.0	41.9	<10.0	41.9	41.9	32.0
PH06	03/27/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
PH07	03/27/2024	0.5	<0.050	<0.300	36.4	572	67.8	608	676	128
PH07	03/27/2024	1	<0.050	<0.300	<10.0	62.4	<10.0	62.4	62.4	16.0
PH07	03/27/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
PH08	03/28/2024	0.5	<0.050	<0.300	<10.0	88.9	11.3	88.9	100	32.0
PH08	03/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH09	03/28/2024	0.5	<0.050	<0.300	<10.0	649	112	649	761	80.0
PH09	03/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH01	05/09/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
BH01	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH01	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH02	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH02	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH03	05/09/2024	0.5	<0.050	<0.300	<10.0	289	34.1	289	**323**	80.0
BH03	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH03	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH04	05/09/2024	0.5	<0.050	<0.300	<10.0	34.1	<10.0	34	34	32.0
BH04	05/09/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH04	05/09/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH05	05/10/2024	0.5	<0.050	<0.300	<10.0	148	29.1	148	**177**	48.0
BH05	05/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH06	05/10/2024	0.5	<0.050	<0.300	<10.0	17.1	<10.0	17.1	17.1	32.0
BH06	05/10/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH06	05/10/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
Composite Soil Samples										
FS01	03/27/2024	0.5	<0.050	<0.300	<10.0	345	75.7	345	**421**	96.0
FS02	03/27/2024	0.5	<0.050	<0.300	<10.0	305	77.2	305	**382**	64.0
FS03	03/27/2024	0.5	<0.050	<0.300	<10.0	991	237	991	**1,230**	96.0
FS04	03/27/2024	0.5	<0.050	<0.300	<10.0	962	283	962	**1,250**	96.0
FS05	03/27/2024	0.5	<0.050	<0.300	<10.0	666	139	666	**805**	32.0
FS06	03/27/2024	0.5	<0.050	<0.300	<10.0	309	80.5	309	**390**	48.0
FS07	03/27/2024	0.5	<0.050	<0.300	<10.0	180	56.4	180	**236**	32.0
FS08	03/27/2024	0.5	<0.050	<0.300	<10.0	418	115	418	**533**	64.0
FS09	03/27/2024	0.5	<0.050	<0.300	<10.0	207	55.4	207	**262**	96.0
FS10	03/27/2024	0.5	<0.050	<0.300	<10.0	72.1	12.7	72.1	84.8	32.0
FS11	03/27/2024	0.5	<0.050	<0.300	<10.0	186	55.7	186	**242**	96.0
FS12	03/27/2024	0.5	<0.050	<0.300	<10.0	387	97.9	387	**485**	64.0
FS13	03/27/2024	0.5	<0.050	<0.300	<10.0	944	287	944	**1,230**	122
FS14	03/27/2024	0.5	<0.050	<0.300	<10.0	74.1	<10.0	74.1	74.1	32.0
FS15	03/27/2024	0.5	<0.050	<0.300	<10.0	122	<10.0	122	**122**	16.0
FS16	03/27/2024	0.5	<0.050	<0.300	<10.0	318	45.5	318	**364**	32.0

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 23 Dog Town Draw CVB
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS17	03/27/2024	0.5	<0.050	<0.300	<10.0	57.9	<10.0	57.9	57.9	32.0
FS18	03/27/2024	0.5	<0.050	<0.300	<10.0	294	40.2	294	**334**	64.0
FS19	03/27/2024	0.5	<0.050	<0.300	<10.0	442	60.5	442	**503**	80.0

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

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APPENDIX A

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DIT JAN 24 2022 PM3:00

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (BH-01)	n/a	C-4575

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO Energy (Kyle Littrell)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6401 Holiday Hill Dr.	Midland	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	12	38.03	N
	LONGITUDE	103	50	58.70	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NW NE Sec. 23 T24S R30E, NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
1-4-2022	1-4-2022	temporary well material	105	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	105	±8.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4575	POD NO. 1	TRN NO. 709414
LOCATION 2-1-1 24S-30E-23	WELL TAG ID NO. —	PAGE 1 OF 2

MON

OSE DII JAN 24 2022 PM 3:00

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	1	1	Caliche, White, Dry	Y ✓N	
1	20	19	Sand, very fine grained, well graded, with caliche, Reddish Brown-Light Brown	Y N	
20	30	20	Caliche, consolidated with silt and some gravel, Off-White, Dry	Y ✓N	
30	50	20	Sand, very fine grained, well graded, with gravel, Light Brown	Y ✓N	
50	75	25	Sand, very fine grained, well graded, with gravel, Reddish Brown, slight moist	Y ✓N	
75	105	30	Sand, very fine grained, poorly graded, Reddish Brown, slight moist	Y ✓N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt, Carmelo Trevino

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 1/21/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4573	POD NO. 1	TRN NO. 709414	
LOCATION 2-1-1 24S-30E-23		WELL TAG ID NO.	PAGE 2 OF 2

MON

OSE_Well Record and Log_-forsign

Final Audit Report 2022-01-22

Created:	2022-01-21
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAHFW29aZiQH1D931B0LxyAz3o1wYi88ri

"OSE_Well Record and Log_-forsign" History

OSE DIT JAN 24 2022 PM3:00

Document created by Lucas Middleton (lucas@atkinseng.com)
2022-01-21 - 10:47:34 PM GMT- IP address: 69.21.248.123

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2022-01-21 - 10:48:19 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2022-01-21 - 10:49:13 PM GMT- IP address: 64.90.153.232

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2022-01-22 - 0:16:23 AM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed.
2022-01-22 - 0:16:23 AM GMT

Adobe Sign

ENSOLUM

APPENDIX B

Photographic Log

ENSOLUM

Photographic Log
XTO Energy, Inc
PLU 23 Dog Town Draw CVB
nAPP2402531559 & nAPP2402633992



Photograph: 1 Date: 3/5/2024
Description: On pad staining in release footprint.
View: Southeast



Photograph: 2 Date: 3/5/2024
Description: Pasture staining in release footprint
View: Northwest



Photograph: 3 Date:3/27/2024
Description: Delineation activities at PH03
View: Northwest



Photograph: 4 Date: 5/9/2024
Description: Delineation in pasture
View: Southeast

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APPENDIX C

Lithologic Soil Sampling Logs

ENSOLUM

	Sample Name:PH01	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213109, -103.850486	Hole Diameter:24"	Total Depth: 8'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	465.2	N	PH01	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<162	1075	N	PH01	1	1	SP-SM	(1-8') SAND, brown, poorly graded, little silt with odor, no staining
Dry	<162	87.3	N		2	2		
Dry	<162	165.3	N		3	3		
Dry	162	525.2	N		4	4		
Dry	<162	302.6	N		5	5		
Dry	<162	767.8	N		6	6		
Dry	<162	397.3	N		7	7		
Dry	<162	69.1	N	PH01	8	8		(@8') no odor

Total Depth @ 8 feet bgs

ENSOLUM

	Sample Name:PH02	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213241, -103.850468	Hole Diameter:24"	Total Depth: 9'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	1069	N	PH02	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<162	1351	N	PH02	1	1	SP-SM	(1-9') SAND, brown, poorly graded, little silt with odor, no staining
Dry	<162	254.4	N		2	2		
Dry	<162	311.7	N		3	3		
Dry	<162	178.6	N		4	4		
Dry	<162	403.7	N		5	5		
-	-	-	-		6	6		
Dry	<162	390.4	N		7	7		
Dry	<162	250.2	N		8	8		
Dry	<162	43.8	N	PH02	9	9		(@9') no odor

Total Depth @ 9 feet bgs

ENSOLUM

	Sample Name:PH03	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213404, -103.850298	Hole Diameter:24"	Total Depth: 8.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	523	N	PH03	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<162	1532	N	PH03	1	1	SP-SM	(1-8.5') SAND, brown, poorly graded, little silt with odor, no staining
Dry	<162	441.8	N		2	2		
Dry	<162	851.2	N		3	3		
Dry	<162	426.9	N		4	4		
Dry	<162	398.2	N		5	5		
Dry	<162	382.6	N		6	6		
Dry	<162	483.5	N		7	7		
Dry	<162	922.8	N		8	8		
Dry	<162	363.6	N	PH03	8.5	8.5		(@8.5') trackhoe hit refusal

Total Depth @ 8.5 feet bgs

ENSOLUM

	Sample Name:PH04	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213427, -103.850459	Hole Diameter:24"	Total Depth: 7'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	919.8	N	PH04	0.5		CCHE	(0-1') CALICHE, white, odor, no staining
Dry	<168	68.7	N	PH04	1	1	SP-SM	(1-7') SAND, brown, poorly graded, little silt with odor, no staining
Dry	<168	335.1	N		2	2		
Dry	<168	330.8	N		3	3		
Dry	<168	330.5	N		4	4		
Dry	<168	236.8	N		5	5		
Dry	<168	101.4	N		6	6		
Dry	<168	86.7	N	PH04	7	7		

Total Depth @ 7 feet bgs

ENSOLUM

	Sample Name:PH05	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213417, -103.850908	Hole Diameter:24"	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	8.5	N	PH05	0.5		CCHE	(0-1') CALICHE, white, odor, no staining trace brown sand with silt
Dry	<168	37.2	N	PH05	1	1	SP-SM	(1-3') SAND, brown, poorly graded, some silt little clay, with odor, no staining
Dry	<168	33.7	N		2	2		
Dry	<168	15.4	N	PH05	3	3		(@3') no odor

Total Depth @ 3 feet bgs

ENSOLUM

	Sample Name:PH06	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213534, -103.851001	Hole Diameter:24"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	0.9	N	PH06	0.5		CCHE	(0-1') CALICHE, white, no odor, no staining trace brown sand with silt
Dry	<168	1.0	N		1	1	SP-SM	(1-2') SAND, brown, poorly graded, little silt no odor, no staining
Dry	<168	1.1	N	PH06	2	2		

Total Depth @ 2 feet bgs

ENSOLUM

	Sample Name:PH07	Date:3/27/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213410, -103.851114	Hole Diameter:24"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	51.2	N	PH07	0.5		CCHE	(0-1') CALICHE, white, no odor, no staining trace brown silt
Dry	<168	150.2	N	PH07	1	1	SP-SM	(1-2') SAND, brown, poorly graded, little silt some caliche, no odor, no staining
Dry	<168	4.0	N	PH07	2	2		(@2') SAND, brown, poorly graded, little silt, no odor, no staining

Total Depth @ 2 feet bgs

ENSOLUM

	Sample Name:PH08	Date:3/28/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Trackhoe
Coordinates: 32.213505, -103.851232	Hole Diameter:24"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	3.1	N	PH08	0.5		CCHE	(0-1') CALICHE, white, odor, no staining some brown sand, well graded
Dry	<168	2.1	N		1	1	SP-SM	(1-2') SAND, brown, poorly graded, trace silt no odor, no staining
Dry	<168	1.4	N	PH08	2	2		

Total Depth @ 2 feet bgs

ENSOLUM

	Sample Name:PH09	Date:3/28/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: TH/US	Method: Shovel
Coordinates: 32.213408, -103.850760	Hole Diameter:12"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<168	27.7	N	PH09	0.5		CCHE	(0-1') CALICHE, white, odor, no staining some brown silt, well graded
Dry	<168	6.0	N		1	1	SP-SM	(1-2') SAND, brown, poorly graded, trace silt with odor, no staining
Dry	<168	3.9	N	PH09	2	2		(@2') no odor, some silt

Total Depth @ 2 feet bgs

ENSOLUM

	Sample Name:BH01	Date:5/9/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Hand Auger
Coordinates: 32.213458, -103.851419	Hole Diameter:3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	0.0	N	BH01	0.5		SP	(0-3') SAND, dark brown, fine grained, trace silt no odor
Dry	<162	0.0	N		1	1		
Dry	<162	0.0	N	BH01B	2	2		
Dry	<162	0.0	N		3	3	SP-SC	(3-4') SAND, reddish brown, fine grained, little clay no odor
Dry	<162	0.0	N	BH01D	4	4	SC	(@4') some clay

Total Depth @ 4 feet bgs

ENSOLUM

	Sample Name:BH02	Date:5/9/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Hand Auger
Coordinates: 32.213488, -103.851311	Hole Diameter:3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	0.0	N	BH02	0.5		SP	(0-3') SAND, dark brown, fine grained, trace silt
Dry	<162	0.0	N		1	1		
Dry	<162	0.0	N	BH02B	2	2		
Dry	<162	0.0	N		3	3	SP-SC	(3-4') SAND, reddish brown, fine grained, little clay
Dry	<162	0.3	N	BH02D	4	4	SC	(@4') CLAYEY SAND, brown, no odor

Total Depth @ 4 feet bgs

ENSOLUM

	Sample Name:BH03	Date:5/9/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Hand Auger
Coordinates: 32.213439, -103.851267	Hole Diameter:3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	8.7	N	BH03	0.5		SP	(0-3') SAND, dark brown, fine grained, trace silt
Dry	<162	4.0	N		1	1		
Dry	<162	1.6	N	BH03B	2	2		
Dry	<162	0.8	N		3	3	SP-SC	(3-4') SAND, reddish brown, fine grained, little clay
Dry	<162	0.8	N	BH03D	4	4	SC	(@4') CLAYEY SAND, brown, no odor

Total Depth @ 4 feet bgs

ENSOLUM

	Sample Name:BH04	Date:5/9/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Hand Auger
Coordinates: 32.213409, -103.851377	Hole Diameter:3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	0.0	N	BH04	0.5		SP	(0-3') SAND, dark brown, fine grained, trace silt no odor
Dry	<162	0.0	N		1	1		
Dry	<162	0.0	N	BH04B	2	2		
Dry	<162	0.0	N		3	3	SP	(3-4') SAND, reddish brown, fine grained, trace clay no odor
Dry	<162	0.0	N	BH04D	4	4	SP-SC	(@4') SAND, reddish brown, fine grained, little clay no odor

Total Depth @ 4 feet bgs

ENSOLUM

	Sample Name:BH05	Date:5/10/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Hand Auger
Coordinates: 32.213363, -103.851366	Hole Diameter:3"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	0.0	N	BH05	0.5		SP	(0-3') SAND, dark brown, fine grained, trace silt
Dry	<162	0.0	N		1	1		
Dry	<162	0.0	N	BH05B	2	2		(@2') trace clay, no odor

Total Depth @ 2 feet bgs

ENSOLUM

	Sample Name:BH06	Date:5/9/2024
	PLU 23 Dog Town Draw CVB	
	Incident Number: nAPP2402531559 / nAPP2402633992	
	Job Number: 03C1558323	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US	Method: Hand Auger
Coordinates: 32.213379, -103.851303	Hole Diameter:3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water with a 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<162	0.0	N	BH04	0.5		SP	(0-3') SAND, brown, fine grained, trace silt no odor
Dry	<162	0.0	N		1	1		
Dry	<162	0.0	N	BH04B	2	2		(@2') trace clay
Dry	<162	0.0	N		3	3	SP	(@3') little clay no odor
Dry	<162	0.2	N	BH04D	4	4	SP-SC	(@4') SAND, reddish brown, fine grained, some clay no odor

Total Depth @ 4 feet bgs

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 13, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DOG TOWN DRAW CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/07/24 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 01 @ 0.5' (H241163-01)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *90.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 02 @ 0.5' (H241163-02)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	**33.5**	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 03 @ 0.5' (H241163-03)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 04 @ 0.5' (H241163-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: ms**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *89.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 05 @ 0.5' (H241163-05)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/07/2024	Sampling Date:	03/05/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	PLU 23 DOG TOWN DRAW CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558324	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO - 32.21345,-103.85032		

Sample ID: SS 06 @ 0.5' (H241163-06)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	03/11/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Ensolum, LLC
Project Manager:	Tracy Hillard
Address:	3122 National Parks Hwy
City:	Carlsbad State: NM Zip: 88220
Phone #:	575-937-3900 Fax #:
Project #:	03C1558324 Project Owner:
Project Name:	PLU 23 Dog Town Draw CVB
Project Location:	32.21345, -103.85032
Sampler Name:	Mariana O'Dell

BILL TO

P.O. #:	
Company:	XTO Energy
Attn:	Amy Ruth
Address:	3104 E. Greene St
City:	Carlsbad
State: NM	Zip: 88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chlorides	TPH	BTEX
H241163																	
1	SS01 @0.5'	G	1			X					X		3/5/24	13:45	X	X	X
2	SS02 @0.5'					X					X			12:30			
3	SS03 @0.5'					X					X			13:40			
4	SS04 @0.5'					X					X			12:40			
5	SS05 @0.5'					X					X			12:45			
6	SS06 @0.5'					X					X			13:35			

NO

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Relinquished By:	Date: 3/6/24	Received By:	
	Time: 11:30		
Relinquished By:	Date: 3.7.24	Received By:	
	Time: 1420		

Verbal Result: ☐ Yes ☒ No Add'l Phone #:

All Results are emailed. Please provide Email address: thillard@ensolum.com, modell@ensolum.com

REMARKS: Incident: NAPP2402531559 & NAPP2402633992

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.0	Sample Condition: Cool ☑ Yes ☐ No; Intact ☐ Yes ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☒ Rush ☐	Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No
	Corrected Temp. °C			Thermometer ID #113 Correction Factor 0.0°C #140	Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 04, 2024

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 13:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 1 0.5 (H241622-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/01/2024	ND	2.04	102	2.00	4.16	
Toluene*	**14.7**	1.00	04/01/2024	ND	2.03	101	2.00	5.14	
Ethylbenzene*	**5.84**	1.00	04/01/2024	ND	1.96	98.2	2.00	5.34	
Total Xylenes*	**82.9**	3.00	04/01/2024	ND	5.95	99.1	6.00	4.96	
Total BTEX	**103**	6.00	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *133 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**2610**	100	04/01/2024	ND	230	115	200	7.04	QM-07, QR-03
DRO >C10-C28*	**20400**	100	04/01/2024	ND	225	112	200	8.45	QM-07, QR-03
EXT DRO >C28-C36	**2860**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *168 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *386 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 1 1 (H241622-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	04/01/2024	ND	2.04	102	2.00	4.16	
Toluene*	**62.3**	5.00	04/01/2024	ND	2.03	101	2.00	5.14	
Ethylbenzene*	**16.8**	5.00	04/01/2024	ND	1.96	98.2	2.00	5.34	
Total Xylenes*	**234**	15.0	04/01/2024	ND	5.95	99.1	6.00	4.96	
Total BTEX	**313**	30.0	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**6420**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**12100**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**1500**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *192 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *206 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 1 8 (H241622-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**35.3**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *211 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *226 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 2 0.5 (H241622-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**29.3**	2.00	04/01/2024	ND	1.94	96.9	2.00	5.76	QM-07
Ethylbenzene*	**9.70**	2.00	04/01/2024	ND	1.92	95.9	2.00	6.30	QM-07
Total Xylenes*	**109**	6.00	04/01/2024	ND	5.69	94.9	6.00	6.13	QM-07
Total BTEX	**148**	12.0	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**7600**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**30000**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**4430**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *298 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *544 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 2 1 (H241622-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**7.28**	5.00	04/01/2024	ND	1.88	94.1	2.00	6.87	GC-NC1
Toluene*	**59.2**	5.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**11.5**	5.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**135**	15.0	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**213**	30.0	04/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**5320**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**8200**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**1040**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *163 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *180 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 2 9 (H241622-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**59.5**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**13.3**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *96.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 3 0.5 (H241622-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**17.3**	1.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**5.04**	1.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**88.5**	3.00	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**111**	6.00	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	04/01/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3610**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**30700**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**5000**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *224 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *616 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 3 1 (H241622-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**1.92**	1.00	04/01/2024	ND	1.88	94.1	2.00	6.87	GC-NC1
Toluene*	**31.9**	1.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**7.27**	1.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**121**	3.00	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**162**	6.00	04/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3420**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**7350**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**930**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *161 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *179 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 3 8.5 (H241622-09)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.066**	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	GC-NC1
Toluene*	**1.38**	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**0.393**	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**7.02**	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**8.87**	0.300	04/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *136 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**312**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**1690**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**275**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 4 0.5 (H241622-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**55.6**	5.00	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	**14.6**	5.00	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**241**	15.0	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**311**	30.0	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *130 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**7980**	100	04/01/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**19000**	100	04/01/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**2420**	100	04/01/2024	ND					

Surrogate: 1-Chlorooctane *264 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *332 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 4 1 (H241622-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	**0.054**	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 4 7 (H241622-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	**0.384**	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	**0.384**	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**22.2**	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**322**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**40.0**	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 5 0.5 (H241622-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 5 1 (H241622-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 5 3 (H241622-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**17.2**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *81.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 6 0.5 (H241622-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**41.9**	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 6 2 (H241622-17)

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	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	230	115	200	7.04	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 7 0.5 (H241622-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**36.4**	10.0	03/29/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**572**	10.0	03/29/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	**67.8**	10.0	03/29/2024	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 7 1 (H241622-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/29/2024	ND	230	115	200	7.04	
DRO >C10-C28*	**62.4**	10.0	03/29/2024	ND	225	112	200	8.45	
EXT DRO >C28-C36	<10.0	10.0	03/29/2024	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	03/28/2024	Sampling Date:	03/27/2024
Reported:	04/04/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO		

Sample ID: PH 7 2 (H241622-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	1.88	94.1	2.00	6.87	
Toluene*	<0.050	0.050	04/01/2024	ND	1.94	96.9	2.00	5.76	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.92	95.9	2.00	6.30	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.69	94.9	6.00	6.13	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/01/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	237	118	200	5.62	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	229	114	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane *95.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	601 N. Marienfeld St. STE 400
City:	Midland State: TX Zip: 79701
Phone #:	9898540832 Fax #:
Project #:	03C1558323 Project Owner: XTO
Project Name:	PLU 23 DTD CVB
Project Location:	32.21345, -109.85032
Sampler Name:	Tracy Hillard / Uriel Santillana

BILL TO

P.O. #:	
Company:	XTO
Attn:	Amy Ruth
Address:	3104 E. Greene St
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	432.661.0571
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chlorides	BTEX	TPH
H241622																		
1	PH1	0.5	G	1			X					X		3.27.24	1439	X	X	X
2	PH1	1		1											1045			
3	PH1	8		1											1317			
4	PH2	0.5		1											1440			
5	PH2	1		1											1100			
6	PH2	9		1											1243			
7	PH3	0.5		1											1441			
8	PH3	1		1											1220			
9	PH3	8.5		1											1326			
10	PH4	0.5		1											1407			

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Relinquished By:	Date: 3-28-24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1342		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	BJennings@ensolum.com BBelill@ensolum.com
	Time:		REMARKS: Cost Center: 2210251001
Delivered By: (Circle One)	Observed Temp. °C 0.3	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) TB
Sampler - UPS - Bus - Other:	Corrected Temp. °C		Incident: nAPP2402531559 / nAPP2402633992

Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113 #140 Correction Factor 0.5°C 3/25/24 TB

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	601 N. Marienfeld St. STE 400
City:	Midland State: TX Zip: 79701
Phone #:	9898540832 Fax #:
Project #:	03C1558323 Project Owner: XTO
Project Name:	PLU 23 DTD CVB
Project Location:	32.21345,-103.85032
Sampler Name:	TH / US

BILL TO

P.O. #:	
Company:	XTO
Attn:	Amy Ruth
Address:	304 E. Greene St
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	4326610571
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H241622																		
11	PH4	1	G	1			X					X		3.27.24	1408	X	X	X
12	PH4	7		1											1420			
13	PH5	0.5		1											1458			
14	PH5	1		1											1459			
15	PH5	3		1											1502			
16	PH6	0.5		1											1521			
17	PH6	2		1											1525			
18	PH7	0.5		1											1532			
19	PH7	1		1											1534			
20	PH7	2		1											1536			

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Relinquished By:	Date: 3.28.24 Time: 1342	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: ~~Bjennings@ensolum.com~~ BBelill@ensolum.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.3 Corrected Temp. °C	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)

REMARKS: Cost center: 2210251001
Inc: dnt: nAPP2402531559/nAPP2402633992

Turnaround Time: ☒ Standard ☐ Rush

Thermometer ID ~~#113~~ #140 Correction Factor ~~-0.5°C~~ 5/23/24

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 09, 2024

BEN BELILL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 04/03/24 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 8 0.5 (H241732-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**88.9**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**11.3**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 8 2 (H241732-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *89.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 9 0.5 (H241732-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**649**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**112**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: PH 9 2 (H241732-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 01 0.5 (H241732-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**345**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**75.7**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 02 0.5 (H241732-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**305**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**77.2**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 03 0.5 (H241732-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**991**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**237**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 04 0.5 (H241732-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.12	106	2.00	5.16	
Toluene*	<0.050	0.050	04/05/2024	ND	2.15	107	2.00	6.07	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.09	104	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.31	105	6.00	5.35	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**962**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**283**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 05 0.5 (H241732-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**666**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**139**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *88.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 06 0.5 (H241732-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**309**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**80.5**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *78.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.9 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 07 0.5 (H241732-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**180**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**56.4**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 08 0.5 (H241732-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**418**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**115**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *86.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.1 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 09 0.5 (H241732-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**207**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**55.4**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 10 0.5 (H241732-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**72.1**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**12.7**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *90.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 11 0.5 (H241732-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**186**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**55.7**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *90.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 12 0.5 (H241732-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**387**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**97.9**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 13 0.5 (H241732-17)

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	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	204	102	200	0.693	
DRO >C10-C28*	**944**	10.0	04/04/2024	ND	217	109	200	1.08	
EXT DRO >C28-C36	**287**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 14 0.5 (H241732-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**74.1**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *125 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 15 0.5 (H241732-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**122**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 16 0.5 (H241732-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**318**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	**45.5**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 17 0.5 (H241732-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**57.9**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *93.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 18 0.5 (H241732-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**294**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	**40.2**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *89.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

ENSOLUM, LLC
BEN BELILL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	04/03/2024	Sampling Date:	03/28/2024
Reported:	04/09/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21345,-103.85032		

Sample ID: FS 19 0.5 (H241732-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2024	ND	2.04	102	2.00	0.566	
Toluene*	<0.050	0.050	04/05/2024	ND	2.16	108	2.00	0.822	
Ethylbenzene*	<0.050	0.050	04/05/2024	ND	2.17	108	2.00	0.554	
Total Xylenes*	<0.150	0.150	04/05/2024	ND	6.50	108	6.00	0.495	
Total BTEX	<0.300	0.300	04/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/08/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	221	111	200	0.228	
DRO >C10-C28*	**442**	10.0	04/04/2024	ND	197	98.3	200	2.06	
EXT DRO >C28-C36	**60.5**	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *133 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Ensolum, LLC
Project Manager:	Ben Belill
Address:	601 N. Marienfeld St. STE 400
City:	Midland State: TX Zip: 79701
Phone #:	989-854-0852 Fax #:
Project #:	03C1558323 Project Owner: XTO
Project Name:	PLU 23 DTD CVB
Project Location:	32.21345, -103.85032
Sampler Name:	Tracy Hillard / Uriel Santzilla

BILL TO

P.O. #:	
Company:	XTO
Attn:	Amy Ruth
Address:	3104 E. Greene St
City:	Carlsbad
State:	NM Zip: 88220
Phone #:	432.661.0571
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H341732																		
1	PH8	0.5	G	1			X					X		3.28.24	0852	X	X	X
2	PH8	2	G	1											0856			
3	PH9	0.5	G	1											0908			
4	PH9	2	G	1											0912			
5	FS01	0.5	C	1											0918			
6	FS02	0.5	C	1											0921			
7	FS03	0.5	C	1											0923			
8	FS04	0.5	C	1											0927			
9	FS05	0.5	C	1											1140			
10	FS06	0.5	C	1											1000			

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Relinquished By:	Date: 4/3/24 Time: 0700	Received By:	
Relinquished By:	Date: 4/3/24 Time: 14:50	Received By:	

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

BJennings@ensolum.com BBelill@ensolum.com

REMARKS:

Cost center: 2210251001

Incident: nAPP2402631559 / nAPP2402633792

Turnaround Time: Standard ☑ Rush ☐

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

Observed Temp. °C

Thermometer ID #113 #140

Correction Factor -0.5°C

Corrected Temp. °C

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 5.7

Corrected Temp. °C

Sample Condition: Cool ☑ Yes Intact ☑ Yes

CHECKED BY: (Initials) TO 4/3/24

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Ben Belill
Address: 601 N Marienfeld Street, Suite 400
City: Midland State: TX Zip: 79701
Phone #: 989 854 0852 Fax #:
Project #: ~~PLU~~ 03C1558323 Project Owner: XTO
Project Name: PLU 23 DTD CUB
Project Location: 32.21345, -103.85032
Sampler Name: Tracy Hillard / Uriel Santamilla

BILL TO
P.O. #:
Company: XTO
Attn: Amy Ruth
Address: 3104 E. Green St
City: Carlsbad
State: NM Zip: 88220
Phone #: 432.661-0571
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500
H241732																		
11	FS07	0.5	C	1			X					X		3.28.24	1015	X	X	X
12	FS08			1											1020			
13	FS09			1											1025			
14	FS10			1											1028			
15	FS11			1											1050			
16	FS12			1											1054			
17	FS13			1											1100			
18	FS14			1											1103			
19	FS15			1											1106			
20	FS16			1											1110			

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Relinquished By: Tracy Hillard Date: 4/3/24 Time: 0700 Received By:
Relinquished By: Date: 4/3/24 Time: 1450 Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
BBelill@ensolum.com
REMARKS:
Cost center: 2210251001
Incident: nAPP2402531559 / nAPP2402633992

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 5.7 Corrected Temp. °C
Sample Condition Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No
CHECKED BY: (Initials)
Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113 Correction Factor ~~0.5°C~~ #140 4/3/24
Bacteria (only) Sample Condition Cool ☐ Yes Intact ☐ Yes ☐ No ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Ben Belill	P.O. #:
Address: 601 N Marienfeld Street, Suite 400	Company: XTO
City: Midland State: TX Zip: 79701	Attn: Amy Ruth
Phone #: 989 854 0852 Fax #:	Address: 3104 E. Greene
Project #: 03C1558323 Project Owner: XTO	City: Carlsbad
Project Name: PLU 23 DTD CVB	State: NM Zip: 88220
Project Location: 32.21345, -103.85032	Phone #: 432.661.0571
Sampler Name: Tracy Hillard / Uriel Santarita	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H241732																		
31	FS17	0.5	C	1			X					X		3.28.24	1113	X	X	X
32	FS18	1	C	1			1					1		1	1115	1	1	1
33	FS19		C	1											1119			

TH

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Relinquished By:	Date: 4/3/24 Time: 0700	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 4/3/24 Time: 14:50	Received By:	All Results are emailed. Please provide Email address: BBelill@ensolum.com
			REMARKS: cost center: 221025001 Incident: nAPP2402531559 / nAPP2402633992
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.7 Corrected Temp. °C	Sample Condition Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) TO
			Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition Cool ☐ Yes Intact ☐ Yes ☐ No ☐ No Observed Temp. °C
			Thermometer ID #113 #140 Correction Factor 0.5°C 0.4 4/3/24 Corrected Temp. °C

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Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 16, 2024

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 23 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 15:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 01 0.5' (H242580-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *80.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *98.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 01 B 2' (H242580-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/14/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *80.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 01 D 4' (H242580-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *79.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 02 B 2' (H242580-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *81.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 02 D 4' (H242580-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.84	
Toluene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	6.70	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.46	91.0	6.00	5.85	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *80.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 03 0.5' (H242580-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**289**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	**34.1**	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 03 B 2' (H242580-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *121 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 03 D 4' (H242580-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 04 0.5' (H242580-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**34.1**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 04 B 2' (H242580-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 04 D 4' (H242580-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 05 0.5' (H242580-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**148**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	**29.1**	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 05 B 2' (H242580-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 06 0.5' (H242580-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	**17.1**	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 06 B 2' (H242580-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	05/10/2024	Sampling Date:	05/10/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	PLU 23 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558323	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.213078,-103.850626		

Sample ID: BH 06 D 4' (H242580-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.92	96.1	2.00	7.47	
Toluene*	<0.050	0.050	05/15/2024	ND	1.99	99.6	2.00	7.16	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.99	99.5	2.00	7.08	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	6.16	103	6.00	6.65	
Total BTEX	<0.300	0.300	05/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/14/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2024	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Tracy Hillard
Address: 3122 National Parks Hwy
City: Carlsbad State: NM Zip: 88220
Phone #: 5759373906 Fax #:
Project #: 03C1557323 Project Owner:
Project Name: PLU 23 DTD CVB
Project Location: 32.213078, -103.850626
Sampler Name: Uriel Santillana

BILL TO
P.O. #:
Company: XTO Energy
Attn: Amy Ruth
Address: 3104 E. Greene st
City: Carlsbad
State: NM Zip: 88220
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
1H247580												✓						
1	BH01	0.5'	G	1			X					X		5/9/24	1050	X	X	X
2	BH01B	2'													1056			
3	BH01D	4'													1105			
4	BH02B	2'													1153			
5	BH02D	4'													1203			
6	BH03	0.5'													1258			
7	BH03B	2'													1310			
8	BH03D	4'													1318			
9	BH04	0.5'													1450			
10	BH04B	2'													1453			

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Relinquished By: [signature]
Date: 5/10/24
Time: 1517
Received By: [signature]

Relinquished By:
Date:
Time:
Received By:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C: 5.8°C
Corrected Temp. °C:

Sample Condition: Cool Yes / Intact Yes
CHECKED BY: (Initials) AP

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
thillard@ensolum.com
REMARKS: cost center: 2210251001
nAPP2402531559
nAPP2402633492

Turnaround Time: Standard ☒ Rush ☐
Thermometer ID #113
Correction Factor -0.5°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Tracy Hillard	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip: 88220	Attn: Amy Ruth
Phone #: 5759373906 Fax #:	Address: 3104 E. Greene st
Project #: 03C1558323 Project Owner:	City: Carlsbad
Project Name: 03C1558323	State: NM Zip: 88220
Project Location: 32.213078, -103.850626	Phone #:
Sampler Name: Uriel Santillana	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	TPH	BTEX
H247580												✓						
11	BH04D	4'	G	1			X					X		5/9/24	1500	X	X	X
12	BH05	0.5'												5/10/24	926			
13	BH05B	2'													932			
14	BH06	0.5'													1040			
15	BH06B	2'													1044			
16	BH06D	4'	↓	↓			↓					↓		↓	1050	↓	↓	↓

US

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Relinquished By: U Dant	Date: 5/10/24 Time: 1517	Received By: apavas	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: thillard@ensolum.com
			REMARKS: Cost center: 2210251001 nAPP2402531559 nAPP2402633492

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C 5.8c	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113 Correction Factor -0.5°C 148	Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 6/16/2025 2:35:20 PM

Released to Imaging: 7/22/2025 8:11:43 AM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 475511

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2402531559**
Incident Name	**NAPP2402531559 PLU 23 DOG TOWN DRAW CVB @ 0**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PLU 23 Dog Town Draw CVB
Date Release Discovered	01/14/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Freeze | Valve | Crude Oil | Released: 135 BBL | Recovered: 101 BBL | Lost: 34 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	Cause: Freeze | Valve | Natural Gas Vented | Released: 261 MCF | Recovered: 0 MCF | Lost: 261 MCF.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

Sante Fe Main Office
Phone: (505) 476-3441

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Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 06/16/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	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 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)	160
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	42000
GRO+DRO (EPA SW-846 Method 8015M)	37600
BTEX (EPA SW-846 Method 8021B or 8260B)	313
Benzene (EPA SW-846 Method 8021B or 8260B)	7.3
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	09/13/2024
On what date will (or did) the final sampling or liner inspection occur	10/13/2024
On what date will (or was) the remediation complete(d)	10/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	28300
What is the estimated volume (in cubic yards) that will be reclaimed	2000
What is the estimated surface area (in square feet) that will be remediated	28300
What is the estimated volume (in cubic yards) that will be remediated	2000
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.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 06/16/2025
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 (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	"surface pipelines, pipeline support beams, pipeline risers, buried electrical lines, surface electrical lines removing such equipment could undermining the equipment stability and potentially cause an additional release and/or harm to onsite personnel. "
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4080
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	500
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	PLU 23 DTD CVB [fAPP2325847913]
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
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: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 06/16/2025

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**446252**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/02/2025**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**600**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 475511

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 475511
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	XTO's deferral requests final remediation for (Incident Number: NAPP2402531559) until final reclamation of the well pad or major construction, whichever comes first. Ensolum and XTO do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the shaded area on figure 3 that is limited to the area beneath active production equipment and surface piping where remediation would require a major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	7/22/2025